



No. 26  
28 JUNE 2003



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Imagery and Mapping Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

## Contents

### Section I

Chart Corrections .....	I-1.1
Chartlets / Depth Tabulations / Notes .....	I-2.1
Charts Affected by Notice to Mariners .....	I-3.1

### Section II

NIMA Hydrographic Products Catalog Corrections .....	II-1.1
Navigation Publications Corrections .....	II-2.1
USCG Light List Corrections / Radiobeacon Corrections .....	II-3.1
NIMA List of Lights / Radiobeacon / DGPS Corrections .....	II-4.1
Publications Affected by Notice to Mariners .....	II-5.1

### Section III

Broadcast Warnings / MARAD Advisories / Special Warnings .....	III-1.1
Marine Information .....	III-2.1

Visit the Maritime Safety Information Division website at  
<http://pollux.nss.nima.mil/>



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## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Transportation), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use [NavNotices@nima.mil](mailto:NavNotices@nima.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nima.mil](mailto:SDPUBS@nima.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nima.mil](mailto:webmaster_nss@nima.mil).

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

**Cover Photo:** The **USS HUE CITY (CG-66)** the first United States Ship to bear this name and only ship named after a battle in the Vietnam War, is the twentieth in the **TICONDEROGA** class of Aegis guided missile cruisers and the fourteenth to be built by Ingalls Shipbuilding in Pascagoula, Mississippi. Her mission is to conduct prompt and sustained combat operations at sea in support of a carrier battle group or amphibious assault group. **HUE CITY** was designed to defend against coordinated saturation attacks involving enemy surface ships, submarines, aircraft and missiles. Additionally, **HUE CITY** is able to engage in offensive actions against the enemy through employment of long-range anti-ship missiles, land attack missiles and gunfire. Commissioned 14 September 1991, the **HUE CITY** has a displacement of 9600 tons fully loaded, is 567 feet long, has a beam of 55 feet and a draft of 34 feet. She carries a crew of 340 Sailors, 27 Chief Petty Officers and 33 Officers. The homeport of the **USS HUE CITY** is Mayport, Florida.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

NM 26/03

# HYDROGRAM

**National Imagery and Mapping Agency  
Bethesda, MD 20816-5003**

SPECIAL  
ANNOUNCEMENTS  
\_\_\_\_\_  
NEW PRODUCTS  
OR SERVICES  
\_\_\_\_\_  
IMPORTANT  
CHANGES

**28 June 2003**

## **QUARTERLY SUMMARY OF INFORMATION OF INTEREST TO NAVIGATORS**

NAVAREAS, HYDROPACS AND HYDROLANTS-SEE SECTION III.

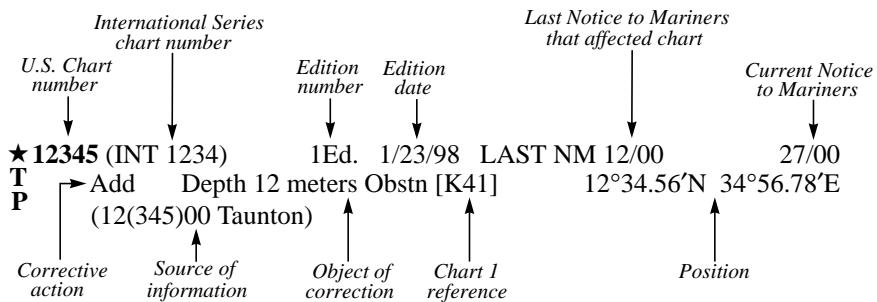
## **ELECTRONIC CHART/PUBLICATION CORRECTION RECORD CARD NOW AVAILABLE**

AN ELECTRONIC VERSION OF THE CHART/PUBLICATION CORRECTION RECORD CARD, NIMA FORM 8660-9, IS NOW AVAILABLE ON THE MARITIME SAFETY INFORMATION WEB SITE. SEE SECTION III

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
  - T indicates that it is temporary in nature.
  - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NIMA List of Lights.

**Section II-5** lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

**NM 26/03**

<b>411</b>	49Ed. 3/03 LAST NM 25/03 Delete Purple dashed line (isogonic line) between (NOS)	26/03 18°29'N 87°43'W 17°48'N 87°33'W	Substitute Platform [L10] for submerged well (cov 13fms) (See 19/03-11340)	28°58.7'N 92°31.0'W
<b>1115A</b>	Ed. 10/02 LAST NM 25/03 Add Platform [L10] (20/03 CG8)	26/03 29°38.8'N 88°30.7'W 28°31.2'N 88°17.3'W	Add Wreck [K29] (PA) Note: Platform close E remains	28°27.0'N 91°24.0'W
<b>1116A</b>	Ed. 11/02 LAST NM 25/03 Delete Danger circle "Obstn" (PA) (See 24/03-1116A)	26/03 28°50.9'N 90°17.8'W	Wreck [K29] (PA) Note: Platform close N remains	28°33.2'N 91°45.4'W
	Substitute Platform [L10] for submerged well (cov 13fms) (See 19/03-1116A)	28°58.7'N 92°31.0'W	Wreck [K29] (PA) Submerged well (cov 30fms) [L20]	28°30.4'N 91°48.0'W 28°28.3'N 92°10.4'W
	Add Wreck [K29] (PA) Note: Platform close E remains	28°27.0'N 91°24.0'W	Submerged well [L21.1] marked by buoy R, (19, 20/03 CG8)	28°02.1'N 94°45.5'W
	Wreck [K29] (PA) Note: Platform close N remains	28°33.2'N 91°45.4'W		
	Wreck [K29] (PA) Submerged well (cov 30fms) [L20]	28°30.4'N 91°48.0'W 28°28.3'N 92°10.4'W		
	Submerged well [L21.1] marked by buoy R, QR (Priv) (19, 20/03 CG8)	28°02.1'N 94°45.5'W		
<b>1117A</b>	Ed. 4/6/02 LAST NM 25/03 Add Submerged well [L21.1] marked by buoy R, QR (Priv) (20/03 CG8)	26/03 28°02.1'N 94°45.5'W		
<b>11004</b>	7Ed. 10/29/94 LAST NM 25/03 Add Wreck [K29] (PA) Wreck [K29] (PA) Wreck [K29] (PA) (19/03 CG8)	26/03 28°27.0'N 91°24.0'W 28°33.2'N 91°45.4'W 28°30.4'N 91°48.0'W		
<b>★11300</b>	38Ed. 4/6/02 LAST NM 25/03 Add Submerged well [L21.1] marked by buoy R, QR (Priv) (20/03 CG8)	26/03 28°02.1'N 94°45.5'W		
<b>★11311</b>	23Ed. 1/26/02 LAST NM 46/02 <b>(Continuation)</b> Change Legend (light sector characteristic) to "A1 RW" 27°49'22.1"N 97°29'02.8"W Legend (light sector characteristic) to "A1 GW" 27°49'21.2"N 97°29'03.1"W (NOS)	26/03		
<b>11316</b>	39Ed. 3/03 LAST NM 22/03 Change Range light, rear to Fl 10s 57ft 14M, Oc 4s 57ft (See 17/03-11316) (20/03 CG8)	26/03 28°25'20"N 96°19'07"W		
<b>★11317</b>	29Ed. 2/16/02 LAST NM 23/03 Change Range light, rear to Fl 10s 57ft 14M, Oc 4s 57ft (20/03 CG8)	26/03 28°25'19"N 96°19'06"W		
<b>11319</b>	31Ed. 2/03 LAST NM 25/03 <b>(Side B)</b> Change Range light, rear to Fl 10s 57ft 14M, Oc 4s 57ft (Supersedes 19/03-11319) (20/03 CG8)	26/03 28°25'19.2"N 96°19'05.8"W		
<b>★11325</b>	35Ed. 5/03 NEW EDITION (NOS)	26/03		
<b>★11340</b>	67Ed. 11/02 LAST NM 25/03 Delete Danger circle "Obstn" (PA) (See 24/03-11340)	26/03 28°50.9'N 90°17.8'W		
<b>★11344</b>	35Ed. 12/02 LAST NM 23/03 Delete Platform Platform	26/03 29°20'08"N 92°28'03"W 29°20'20"N 92°29'02"W		
	Add Platform [L10] (20/03 CG8)	29°36'26"N 93°12'57"W		
<b>11347</b>	33Ed. 7/02 LAST NM 25/03 <b>(Side A)</b> Add Platform [L10] (20/03 CG8)	26/03 29°36'25.8"N 93°12'57.1"W		
<b>★11349</b>	40Ed. 7/02 LAST NM 23/03 Delete Platform Platform Platform Platform Platform (20/03 CG8)	26/03 29°20'06"N 92°26'41"W 29°20'07"N 92°28'03"W 29°21'02"N 92°27'42"W 29°21'13"N 92°26'59"W 29°21'33"N 92°27'00"W		
<b>11352</b>	36Ed. 11/02 LAST NM 24/03 Change Light to "C" Fl 6s 6M (20/03 CG8)	26/03 29°03.7'N 90°42.3'W		
<b>★11353</b>	2Ed. 3/16/02 LAST NM 21/03 Add Submarine pipeline [L40.1] between	26/03 29°35'16.4"N 89°15'56.9"W 29°35'30.0"N 89°15'43.9"W		
	Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] (NOS; 19/03 CG8)	29°26'19.0"N 89°12'28.0"W 29°26'17.0"N 89°12'51.0"W 29°26'05.0"N 89°13'30.0"W 29°28'00.0"N 89°14'57.0"W 29°28'27.0"N 89°15'24.0"W 29°28'21.0"N 89°15'52.0"W 29°22'31.0"N 89°15'28.0"W 29°22'22.0"N 89°16'12.0"W 29°24'23.0"N 89°18'26.0"W		
<b>★11354</b>	24Ed. 4/03 NEW EDITION <b>(Side A, Inset 1)</b> Relocate Light (Iso Y) from 29°41'45.0"N 91°12'53.2"W to 29°41'43.7"N 91°12'53.4"W	26/03		
	Light (QY) from 29°41'47.8"N 91°12'54.8"W to (Previously published 25/03)	29°41'46.5"N 91°12'54.8"W		
<b>★11357</b>	35Ed. 6/02 LAST NM 25/03 Delete Danger circle "Obstn" (PA) (See 24/03-11357)	26/03 28°50'55"N 90°17'50"W		
	Change Light to "C" Fl 6s 17ft 6M Ra ref (19, 20/03 CG8)	29°03'39"N 90°42'18"W		
<b>★11360</b>	40Ed. 10/02 LAST NM 25/03 Add Platform [L10] Platform [L10] (20/03 CG8)	26/03 29°38.8'N 88°30.7'W 28°31.2'N 88°17.3'W		

<b>11361</b>	70Ed. 4/03 LAST NM 25/03 Change Characteristic of buoy (mooring) "A" to Q (NTM0002/2003)	26/03 29°07'02"N 88°51'30"W	Add Ra ref to beacon "1" Ra ref to beacon "2" (19/03 CG8)	(See 42/02-11373) 30°20'40"N 89°05'13"W 30°20'37"N 89°05'07"W
<b>11362</b>	4Ed. 6/10/00 LAST NM N25/03 Add Platform [L10] Platform [L10] (20/03 CG8)	N26/03 29°38.8'N 88°30.7'W 28°31.2'N 88°17.3'W		
<b>11363</b>	38Ed. 3/30/02 LAST NM 24/03 Add Submarine pipeline [L40.1] between Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] Platform [L10] (NOS; 19/03 CG8)	26/03 29°35'16"N 89°15'57"W 29°35'35"N 89°15'38"W 29°26'19"N 89°12'28"W 29°26'17"N 89°12'51"W 29°26'05"N 89°13'30"W 29°28'00"N 89°14'57"W 29°28'27"N 89°15'24"W 29°28'21"N 89°15'52"W 29°22'31"N 89°15'28"W 29°22'22"N 89°16'12"W 29°24'23"N 89°18'26"W		
<b>★11364</b>	39Ed. 11/02 LAST NM 25/03 Add Light Fl Y Light Fl Y (20/03 CG8)	26/03 29°55'09"N 89°58'03"W 29°55'04"N 89°58'00"W		
<b>★11366</b>	7Ed. 9/02 LAST NM 24/03 Add Platform [L10] (20/03 CG8)	26/03 29°38.8'N 88°30.7'W		
<b>11367</b>	31Ed. 5/26/01 LAST NM 23/03 <b>(Side B)</b> Add Light "A" Fl Y 2.5s 21ft (Priv) Light "B" Fl Y 2.5s 21ft (Priv) (20/03 CG8)	26/03 29°55'04"N 89°58'00"W 29°55'09"N 89°58'03"W		
<b>★11370</b>	23Ed. 9/22/01 LAST NM 24/03 <b>(Side A)</b> Relocate Light "157" from 29°58'38.7"N to 29°58'44.8"N 90°49'18.2'W Light from 29°58'44.8"N to 29°58'40.1'N 90°49'18.1'W (19/03 CG8)	26/03 90°49'18.2'W 29°58'42.4"N 90°49'24.2'W 29°58'40.1'N 90°49'18.1'W		
<b>★11371</b>	35Ed. 9/15/01 LAST NM 24/03 Add Ra ref to beacon "1" Ra ref to beacon "2" (19/03 CG8)	26/03 30°20'42"N 89°05'13"W 30°20'36"N 89°05'07"W		
<b>11372</b>	30Ed. 11/02 LAST NM 24/03 <b>(Side A)</b> Change Visibility (range) of light "A" to 6M Range light, front to Q 25ft, Fl 4s 26ft 5M Range light, rear to Iso 6s 69ft, Fl 4s 70ft 5M <b>(Side B)</b> Add Ra ref to beacon "1" Ra ref to beacon "2" (19/03 CG8)	26/03 30°14'03.4"N 88°58'59.8"W 30°15'57.5"N 89°00'26.2"W 30°18'07.0"N 89°00'56.3"W 30°20'41.0"N 89°05'13.0"W 30°20'36.0"N 89°05'08.0"W		
<b>★11373</b>	42Ed. 6/02 LAST NM 25/03 Change Visibility (range) of light "A" to 6M Range light, front to Q 25ft, Fl 4s 26ft 5M Range light, rear to Iso 6s 69ft, Fl 4s 70ft 5M Visibility (range) of light "WR2" to 5M Visibility (range) of light "WR8" to 5M Visibility (range) of light to 5M	26/03 30°14'03"N 88°59'00"W 30°15'59"N 89°00'25"W 30°18'07"N 89°00'56"W 30°21'23"N 88°16'31"W 30°18'53"N 88°20'28"W 30°18'19"N 88°16'25"W		
<b>11374</b>	31Ed. 8/02 LAST NM 24/03 <b>(Side A)</b> Change Visibility (range) of light to 5M (19/03 CG8)	26/03 30°18'17.9"N 88°16'26.6"W		
<b>★11376</b>	48Ed. 12/1/01 LAST NM 25/03 Change Range light, front to QG 25ft, Fl 4s 12ft 5M Range light, front to FR 28ft, Fl 4s 29ft 5M (19/03 CG8)	26/03 30°37'49"N 88°02'02"W 30°12'17"N 88°02'02"W		
<b>★11377</b>	4Ed. 4/6/02 LAST NM 25/03 Change Range light, front to FR 28ft, Fl 4s 29ft 5M Range light, rear to Oc 4s 82ft (Night), Oc 4s 80ft (Day), Fl 4s 23ft 6M (20/03 CG8)	26/03 30°12'17.8"N 88°02'03.3"W 30°12'57.3"N 88°02'39.8"W		
<b>11378</b>	32Ed. 1/03 LAST NM 24/03 <b>(Side A)</b> Change Legend to "44 FT NOV 2002" Legend to "44 FT NOV 2002" Legend to "TURNING BASIN 43½ FT NOV 2002" Add Tabulation of controlling depths from Subsection I-2 <b>(Side B, Continuation)</b> Change Range light, front to FR 28ft, Fl 4s 29ft 5M Range light, rear to Oc 4s 80ft (Day), Oc 4s 82ft (Night), Fl 4s 23ft 6M (NOS; 20/03 CG8)	26/03 30°20'01"N 87°17'16"W 30°20'20"N 87°16'11"W 30°20'36"N 87°15'46"W 30°12'18.4"N 88°02'03.3"W 30°12'57.3"N 88°02'40.1"W		
<b>11382</b>	39Ed. 9/02 LAST NM 25/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)	26/03		
<b>11383</b>	49Ed. 2/16/02 LAST NM 18/03 Change Legend to "44 FT NOV 2002" Legend to "44 FT NOV 2002" Legend to "TURNING BASIN 43½ FT NOV 2002" Add Tabulation of controlling depths from Subsection I-2 (NOS; 20/03 CG8)	26/03 30°19'59"N 87°17'01"W 30°20'18"N 87°16'13"W 30°20'37"N 87°15'45"W 30°20'04"N 87°18'59"W (See 32/02-11383)		

## SECTION I

**NM 26/03**

<p><b>★11384</b> 32Ed. 2/26/00 LAST NM 9/03 Change Legend to "44 FT NOV 2002" 30°19'57.8"N 87°17'10.8"W Legend to "44 FT NOV 2002" 30°20'13.7"N 87°16'21.2"W</p> <p>Legend to "TURNING BASIN 43½ FT NOV 2002" 30°20'36.2"N 87°15'45.0"W</p> <p>Range light, front to Fl G 2.5s 34ft. Fl G 2.5s 36ft 3M 30°20'04.6"N 87°18'58.9"W (See 32/02-11384)</p> <p>Add Tabulation of controlling depths from Subsection I-2 (NOS; 20/03 CG8)</p> <p><b>★11537</b> 34Ed. 4/03 LAST NM 23/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p><b>★12222</b> 44Ed. 5/03 NEW EDITION Relocate Beacon "7" from 37°00'13"N 76°19'35"W to 37°00'13"N 76°19'32"W (Previously published 24/03) (NOS)</p> <p><b>★12251</b> 23Ed. 5/12/01 LAST NM 15/03 Change Legend to "25 FEET BY 300 FT MAY 2002" 37°16'23"N 77°03'13"W (NOS)</p> <p><b>★12304</b> 43Ed. 3/03 LAST NM 21/03 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p><b>★12311</b> 41Ed. 9/15/01 LAST NM 24/03 Substitute Dangerous wreck [K28] for stranded wreck 39°28'17"N 75°34'30"W Dangerous wreck [K28] (PA) for stranded wreck 39°23'49"N 75°28'56"W (NOS)</p> <p><b>13000</b> Ed. 12/14/84 LAST NM N21/03 Delete Traffic separation scheme and directional arrows (4) bound by limit joining 45°03.7'N 66°12.3'W 45°01.7'N 66°04.3'W 44°09.6'N 66°47.0'W 44°17.3'N 66°55.1'W</p> <p>Add Purple tint area (traffic separation zone) [M13] bound by limit joining 44°46.4'N 66°14.4'W 44°31.9'N 66°19.6'W 44°15.0'N 66°52.7'W 44°11.8'N 66°49.6'W 44°30.7'N 66°17.2'W 44°45.9'N 66°11.7'W</p> <p>Purple tint area (traffic separation zone) [M13] bound by limit joining 44°48.3'N 66°13.7'W 44°47.3'N 66°14.0'W 44°46.9'N 66°11.3'W 44°47.9'N 66°11.0'W</p> <p>Purple tint area (traffic separation zone) [M13] bound by limit joining 44°50.0'N 66°13.0'W 44°49.3'N 66°13.3'W 44°48.8'N 66°10.6'W 44°50.0'N 66°10.4'W</p> <p>Note: Traffic separation scheme extends beyond chart border</p> <p>Purple tint area (traffic separation zone) [M13] bound by limit joining 44°48.6'N 66°20.7'W 44°47.9'N 66°16.7'W 44°48.9'N 66°16.4'W 44°49.6'N 66°20.4'W</p> <p>Purple heavy dashed line (outside limit of traffic lane) [M15] joining 44°09.5'N 66°47.1'W 44°29.6'N 66°14.8'W 44°50.0'N 66°07.4'W</p> <p>Purple heavy dashed line (outside limit of traffic lane) [M15] joining 44°17.4'N 66°55.2'W 44°33.0'N 66°22.0'W 44°46.9'N 66°17.0'W 44°47.7'N 66°21.1'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 231° 44°23.5'N 66°40.4'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 051° 44°16.8'N 66°35.7'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 195° 44°41.0'N 66°18.5'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 015° 44°34.7'N 66°14.5'W</p>	<p>26/03</p> <p>44°46.9'N 66°17.0'W 44°47.7'N 66°21.1'W</p> <p>Purple heavy dashed line (outside limit of traffic lane) [M15] joining 44°50.6'N 66°20.1'W 44°49.8'N 66°16.0'W 45°03.0'N 66°11.0'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 231° 44°20.8'N 66°44.2'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 051° 44°15.8'N 66°39.7'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 195° 44°36.2'N 66°18.8'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 015° 44°35.0'N 66°14.5'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 195° 44°53.0'N 66°13.2'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 015° 44°53.0'N 66°07.4'W</p> <p>Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 GMT hours on 1 July 2003 (Supersedes N21/03P-13000) (NTM0002/2003)</p> <p><b>13006</b> 30Ed. 7/02 LAST NM 23/03 Delete Traffic separation scheme, directional arrows (6) and associated legend bound by limit joining 44°50.0'N 66°19.4'W 44°50.0'N 66°09.5'W 44°09.4'N 66°42.2'W 44°17.5'N 66°55.5'W</p> <p>Add Purple tint area (traffic separation zone) [M13] bound by limit joining 44°46.4'N 66°14.4'W 44°31.9'N 66°19.6'W 44°15.0'N 66°52.7'W 44°11.8'N 66°49.6'W 44°30.7'N 66°17.2'W 44°45.9'N 66°11.7'W</p> <p>Purple tint area (traffic separation zone) [M13] bound by limit joining 44°48.3'N 66°13.7'W 44°47.3'N 66°14.0'W 44°46.9'N 66°11.3'W 44°47.9'N 66°11.0'W</p> <p>Purple tint area (traffic separation zone) [M13] bound by limit joining 44°50.0'N 66°13.0'W 44°49.3'N 66°13.3'W 44°48.8'N 66°10.6'W 44°50.0'N 66°10.4'W</p> <p>Note: Traffic separation scheme extends beyond chart border</p> <p>Purple tint area (traffic separation zone) [M13] bound by limit joining 44°48.6'N 66°20.7'W 44°47.9'N 66°16.7'W 44°48.9'N 66°16.4'W 44°49.6'N 66°20.4'W</p> <p>Purple heavy dashed line (outside limit of traffic lane) [M15] joining 44°09.5'N 66°47.1'W 44°29.6'N 66°14.8'W 44°50.0'N 66°07.4'W</p> <p>Purple heavy dashed line (outside limit of traffic lane) [M15] joining 44°17.4'N 66°55.2'W 44°33.0'N 66°22.0'W 44°46.9'N 66°17.0'W 44°47.7'N 66°21.1'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 231° 44°23.5'N 66°40.4'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 051° 44°16.8'N 66°35.7'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 195° 44°41.0'N 66°18.5'W</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 015° 44°34.7'N 66°14.5'W</p>
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<b>13260</b>	38Ed. 4/27/02 LAST NM 23/03 Delete	Traffic separation scheme, directional arrows (8) and associated legend bound by limit joining  44°50.0'N 66°19.4'W 44°50.0'N 66°09.5'W 44°09.4'N 66°42.2'W 44°17.5'N 66°55.5'W	26/03	beyond chart border  Purple tint area (traffic separation zone) [M13] bound by limit joining 44°46.4'N 66°14.4'W 44°31.9'N 66°19.6'W 44°15.0'N 66°52.7'W 44°11.8'N 66°49.6'W 44°30.7'N 66°17.2'W 44°45.9'N 66°11.7'W
	Add	Purple tint area (traffic separation zone) [M13] bound by limit joining  44°48.3'N 66°13.7'W 44°47.3'N 66°14.0'W 44°46.9'N 66°11.3'W 44°47.9'N 66°11.0'W		Purple heavy dashed line (outside limit of traffic lane) [M15] joining 44°09.5'N 66°47.1'W 44°29.6'N 66°14.8'W 44°50.0'N 66°07.4'W
		Purple tint area (traffic separation zone) [M13] bound by limit joining  44°50.0'N 66°13.0'W 44°49.3'N 66°13.3'W 44°48.8'N 66°10.6'W 44°50.0'N 66°10.4'W		Purple heavy dashed line (outside limit of traffic lane) [M15] joining 44°17.4'N 66°55.2'W 44°33.0'N 66°22.0'W 44°46.9'N 66°17.0'W 44°47.7'N 66°21.1'W
		Note: Traffic separation scheme extends beyond chart border		Open-outlined arrow indicating flow of traffic [M10] oriented 231° 44°23.5'N 66°40.4'W Open-outlined arrow indicating flow of traffic [M10] oriented 051° 44°16.8'N 66°35.7'W Open-outlined arrow indicating flow of traffic [M10] oriented 195° 44°41.0'N 66°18.5'W Open-outlined arrow indicating flow of traffic [M10] oriented 015° 44°34.7'N 66°14.5'W Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 GMT hours on 1 July 2003 (Supersedes N21/03P-13263) (NTM0002/2003)
<b>13263</b>	7Ed. 4/24/99 LAST NM N23/03 Delete	Traffic separation scheme, directional arrows (4) and associated legend bound by limit joining  44°50.0'N 66°19.4'W 44°50.0'N 66°09.5'W 44°09.4'N 66°42.2'W 44°17.5'N 66°55.5'W	N26/03	<b>★13264</b> 103Ed. 1/7/95 LAST NM 21/03 Delete Traffic separation scheme, directional arrows (6) and radio reporting points (10) bound by limit joining  45°03.7'N 66°12.3'W 45°01.7'N 66°04.3'W 44°09.6'N 66°47.0'W 44°17.3'N 66°55.1'W  Purple line joining 45°07.1'N 66°20.8'W 45°03.7'N 66°12.3'W 45°01.7'N 66°04.3'W  Purple line between 45°03.7'N 66°12.3'W 45°08.0'N 65°50.9'W  Purple line between 45°03.7'N 66°12.3'W 44°39.9'N 65°50.0'W  Add Purple tint area (traffic separation zone) [M13] bound by limit joining 44°46.4'N 66°14.4'W 44°31.9'N 66°19.6'W 44°15.0'N 66°52.7'W 44°11.8'N 66°49.6'W 44°30.7'N 66°17.2'W 44°45.9'N 66°11.7'W  Purple tint area (traffic separation zone) [M13] bound by limit joining 44°48.3'N 66°13.7'W 44°47.3'N 66°14.0'W 44°46.9'N 66°11.3'W 44°47.9'N 66°11.0'W  Purple tint area (traffic separation zone) [M13] bound by limit joining 45°02.5'N 66°08.3'W 44°49.3'N 66°13.3'W 44°48.8'N 66°10.6'W 45°02.0'N 66°05.6'W  Purple tint area (traffic separation zone) [M13] bound by limit joining 44°48.6'N 66°20.7'W 44°47.9'N 66°16.7'W 44°48.9'N 66°16.4'W 44°49.6'N 66°20.4'W  Purple heavy dashed line (outside limit of traffic lane) [M15] joining 44°09.5'N 66°47.1'W 44°29.6'N 66°14.8'W 45°01.5'N 66°02.8'W  Purple heavy dashed line (outside limit of traffic lane) [M15] joining 44°17.4'N 66°55.2'W 44°33.0'N 66°22.0'W 44°46.9'N 66°17.0'W 44°47.7'N 66°21.1'W

Note: Traffic separation scheme extends

(continued on next page)

## SECTION I

**NM 26/03**

**13264** (Continued)

Purple heavy dashed line (outside limit of traffic lane) [M15] joining  
 44°50.6'N 66°20.1'W  
 44°49.8'N 66°16.0'W  
 45°03.0'N 66°11.0'W

Open-outlined arrow indicating flow of traffic [M10] oriented 231° 44°20.8'N 66°44.2'W  
 Open-outlined arrow indicating flow of traffic [M10] oriented 051° 44°15.8'N 66°39.7'W  
 Open-outlined arrow indicating flow of traffic [M10] oriented 195° 44°36.2'N 66°18.8'W  
 Open-outlined arrow indicating flow of traffic [M10] oriented 015° 44°35.0'N 66°14.5'W  
 Open-outlined arrow indicating flow of traffic [M10] oriented 195° 44°53.0'N 66°13.2'W  
 Open-outlined arrow indicating flow of traffic [M10] oriented 015° 44°53.0'N 66°07.4'W

Radio reporting point symbol [M40] "1B" with direction pointer 231° 44°16.2'N 66°53.9'W  
 Radio reporting point symbol [M40] "2B" with direction pointer 231° 44°23.3'N 66°39.5'W  
 Radio reporting point symbol [M40] "1A" with direction pointer 051° 44°10.7'N 66°48.3'W  
 Radio reporting point symbol [M40] "2A" with direction pointer 051° 44°19.2'N 66°34.2'W  
 Radio reporting point symbol [M40] "3A" with direction pointer 051° 44°30.2'N 66°15.9'W  
 Radio reporting point symbol [M40] "3B" with direction pointer 195° 44°32.4'N 66°20.8'W  
 Radio reporting point symbol [M40] "4B" with direction pointer 195° 44°50.3'N 66°14.3'W  
 Radio reporting point symbol [M40] "5B" with direction pointer 195° 45°02.8'N 66°09.6'W  
 Radio reporting point symbol [M40] "4A" with direction pointer 015° 44°38.9'N 66°12.7'W  
 Radio reporting point symbol [M40] "5A" with direction pointer 015° 45°01.8'N 66°04.1'W

Purple line (radio reporting line) joining  
 45°03.0'N 66°11.0'W  
 45°03.6'N 66°12.4'W  
 45°07.1'N 66°20.8'W

Purple line (radio reporting line) between  
 45°01.5'N 66°02.8'W  
 45°08.0'N 65°50.9'W

Purple line (radio reporting line) between  
 45°01.5'N 66°02.8'W  
 44°39.9'N 65°50.0'W

Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 GMT hours on 1 July 2003  
 (Supersedes 21/03P-13264)  
 (NTM0002/2003)

**14010** 5Ed. 12/17/94 LAST NM 35/02  
 Delete Coast radio station "R Sta"  
 Coast radio station "R Sta"  
 (12(4002)00 Ottawa)

26/03  
 49°00.5'N 64°23.9'W  
 50°11.9'N 66°07.5'W

**14043** 7Ed. 12/24/94 LAST NM 21/03  
 Delete Traffic separation scheme, directional arrows (2) and radio reporting points (2) bound by limit joining  
 45°03'36"N 66°12'21"W  
 45°01'36"N 66°04'17"W  
 44°57'48"N 66°06'01"W  
 44°57'48"N 66°15'21"W

Purple line joining  
 45°07'06"N 66°20'48"W  
 45°03'49"N 66°12'18"W  
 45°01'49"N 66°04'18"W

Purple line and radio reporting point between  
 45°03'49"N 66°12'18"W  
 45°06'36"N 65°53'58"W

Purple line and radio reporting point between  
 45°03'49"N 66°12'18"W  
 44°57'48"N 66°01'49"W

Add Purple tint area (traffic separation zone) [M13] bound by limit joining  
 45°02'30"N 66°08'15"W  
 45°02'00"N 66°05'36"W  
 44°57'48"N 66°07'09"W  
 44°57'48"N 66°10'01"W

Note: Traffic separation scheme extends beyond chart border

Purple heavy dashed line (outside limit of traffic lane) [M15] between  
 44°57'48"N 66°04'12"W  
 45°01'30"N 66°02'48"W

Purple heavy dashed line (outside limit of traffic lane) [M15] between  
 44°57'48"N 66°12'58"W  
 45°03'00"N 66°11'00"W

Radio reporting point symbol [M40] "5A" with direction pointer 015° 45°01'48"N 66°04'06"W  
 Radio reporting point symbol [M40] "5B" with direction pointer 195° 45°02'48"N 66°09'36"W  
 Radio reporting point symbol [M40] "5S" with direction pointers 321°–141° 45°03'39"N 65°59'00"W  
 Radio reporting point symbol [M40] "6M" with direction pointers 247°–067° 44°59'48"N 66°01'48"W

Purple line (radio reporting line) between  
 45°03'00"N 66°10'58"W  
 45°07'07"N 66°20'51"W

Purple line (radio reporting line) between  
 45°01'30"N 66°02'46"W  
 45°06'28"N 65°53'58"W

Purple line (radio reporting line) between  
 45°01'30"N 66°02'46"W  
 44°57'48"N 66°00'32"W

Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 GMT hours on 1 July 2003  
 (Supersedes 21/03P-14043)  
 (NTM0002/2003)

**14260** 47Ed. 1/28/95 LAST NM 35/02  
 Delete Coast radio station "R"  
 Coast radio station "R"  
 (12(4002)00 Ottawa)

26/03  
 49°00.4'N 64°23.9'W  
 50°11.6'N 66°06.6'W

**14263** 15Ed. 3/25/95 LAST NM 48/01  
 Delete Light  
 Add Light Fl 2 1/2s 20M  
 (12(1221)00 Ottawa)

26/03  
 50°05'20"N 66°22'42"W  
 50°05'20"N 66°22'37"W

**14773** 16Ed. 10/24/92 LAST NM 19/02  
 Delete Buoy "J5/1"  
 Relocate Buoy "J4" from 44°19'32.5"N 76°06'54.8"W to 44°19'31.0"N 76°06'44.0"W  
 (7(1438)01 Ottawa)

26/03  
 44°19'28.8"N 76°07'41.2"W  
 44°19'31.0"N 76°06'44.0"W

**★14853** 14Ed. 3/03 NEW EDITION  
 (Page 13)  
 Relocate Buoy from 42°21'02.1"N 82°56'40.1"W to 42°21'02.1"N 82°56'43.6"W  
 (Previously published 21/03)

(Page 14)  
 Relocate Buoy from 42°21'02.1"N 82°56'40.1"W to 42°21'02.1"N 82°56'43.6"W  
 (Previously published 21/03)

(Page 13)  
 Change Legend to "25 FEET FOR WIDTH OF 800-1200 FEET NOV 1996 -OCT 2002"  
 42°20'50.0"N 82°56'52.0"W  
 (Previously published 22/03)

(Page 14)  
 Change Legend to "25 FEET FOR WIDTH OF 800-1200 FEET NOV 1996 -OCT 2002"  
 42°20'45.0"N 82°57'00.0"W  
 (Previously published 22/03)

(Page 16)  
 Change Legend to "25 FEET FOR WIDTH OF 800-1200 FEET NOV 1996 -OCT 2002"  
 42°21'36.0"N 82°54'50.0"W  
 (Previously published 22/03)

(continued on next page)

## SECTION I

<b>14853</b>	(Continued) <b>(Page 42)</b>			
Delete	Buoy "17" (NOS; 41/02 CG9)	42°37'15.0"N 82°31'05.0"W		Beacon "42" from 38°19'48.5"N 123°02'52.8"W to 38°19'48.0"N 123°02'52.0"W and delete legend "PA"
<b>★14932</b>	23Ed. 4/03 NEW EDITION (NOS)	26/03		Beacon "44" from 38°19'44.2"N 123°02'48.7"W to 38°19'43.9"N 123°02'47.9"W (Previously published 25/03)
<b>14934</b>	27Ed. 2/03 LAST NM 17/03 Change Buoy to "3" G, Fl G 2.5s (7/03 CG9)	26/03		
<b>18005</b>	4Ed. 9/20/97 LAST NM N21/03 Delete Buoy "C090" Buoy "D090" Buoy "E090" (19/03 CG11)	N26/03 38°11.4'N 123°09.0'W 38°16.8'N 123°09.6'W 38°21.6'N 123°13.2'W		<b>★18649</b> 62Ed. 8/11/01 LAST NM 21/03 Change Note to "SAN FRANCISCO-OAKLAND BAY BRIDGE" (Private aids)
<b>18007</b>	31Ed. 3/31/01 LAST NM 24/03 Delete Buoy "C090" Buoy "D090" Buoy "E090" (19/03 CG11)	26/03 38°11.4'N 123°09.0'W 38°16.8'N 123°09.6'W 38°21.6'N 123°13.2'W		The piers are lettered on the chart reference
<b>18008</b>	7Ed. 10/12/96 LAST NM N24/03 Delete Buoy "C090" Buoy "D090" Buoy "E090" (19/03 CG11)	N26/03 38°11.4'N 123°09.0'W 38°16.8'N 123°09.6'W 38°21.6'N 123°13.2'W		Lights Piers A, B, E, G, and H. An AERO, flashing red every 10 seconds, on top of tower, a fixed red light each side of the bridge at the foot of the tower. Piers I, J, and K. A fixed red light each side of the bridge at the foot of the tower. Pier C. A fixed red light at each corner of the pier and red axis lights along the channel axis on each side. Spans AB, DE, and GH. A fixed green light with 3 white lights in vertical line above center of channel through span, on each side of bridge, red axis lights on channelward face of piers. Span EF. A fixed red light on each side of the bridge marking the NE limit of the navigable channel. Spans BC, CD, HI, II, and JK. Fixed green lights on each side of the bridge over the center of the channel. Spans II, JK, KL, LM, and MN. A light occulting red every 5 seconds, on top and at the center of the span. Fog signals. Bells on the east and west sides of pier C and pier I. Horns on piers A, B, D, E, G, and H.
<b>18009</b>	2Ed. 8/12/95 LAST NM N13/03 Delete Buoy "C090" Buoy "D090" Buoy "E090" (19/03 CG11)	N26/03 38°11.4'N 123°09.0'W 38°16.8'N 123°09.6'W 38°21.6'N 123°13.2'W		APPROXIMATE MID-SPAN VERTICAL CLEARANCES A-B 204 FT. C-D 220 FT. B-C 220 FT. D-E 204 FT.
<b>18010</b>	20Ed. 2/10/01 LAST NM 13/03 Delete Buoy "C090" Buoy "D090" Buoy "D040" Buoy "E090" (19/03 CG11)	26/03 38°11.4'N 123°09.0'W 38°16.8'N 123°09.6'W 38°18.6'N 123°05.4'W 38°21.6'N 123°13.2'W		CAUTION - Mid-span clearances under the long spans of the San Francisco-Oakland Bay Bridge are approximate and at a temperature of 55°F. These clearances may be reduced several feet due to extreme traffic conditions and a prolonged period of abnormally high temperature:
<b>18020</b>	36Ed. 1/27/01 LAST NM 21/03 Delete Buoy "C090" Buoy "D090" Buoy "E090" (19/03 CG11)	26/03 38°11.4'N 123°09.0'W 38°16.8'N 123°09.6'W 38°21.6'N 123°13.2'W		Vertical clearances at the piers are: PIER A - 174 FT. PIER B - 217 FT. PIER C - 220 FT. PIER D - 218 FT. PIER E - 175 FT." 37°53'16"N 122°14'15"W
<b>★18602</b>	12Ed. 4/03 NEW EDITION Delete HORN from light "5"	26/03 42°02'36"N 124°16'22"W		Add Double dashed line with land tint (bridge) and legend "Bridge under construction" joining 37°49'21"N 122°19'20"W 37°49'08"N 122°21'10"W 37°48'50"N 122°21'39"W
	Add Light Fl(3) 19.5s 141ft 11M (Priv)	42°02'30"N 124°15'45"W		
	Position circle "HORN"	42°02'40"N 124°16'13"W		
	<b>(Inset Chetco Cove)</b> Delete Light "5"	42°02'35.1"N 124°16'20.9"W		
	Add Light "5" Fl G 4s 23ft 5M (NOS; 27/99, 19, 26/02 CG13)	42°02'35.6"N 124°16'21.0"W		
<b>★18640</b>	24Ed. 7/8/00 LAST NM 24/02 Delete Buoy "C090" Buoy "D130" Buoy "D090" Buoy "D040" Buoy "E090" (19/03 CG11)	26/03 38°11.4'N 123°09.0'W 38°13.2'N 123°19.8'W 38°16.8'N 123°09.6'W 38°18.6'N 123°05.4'W 38°21.6'N 123°13.2'W		
<b>★18643</b>	17Ed. 3/03 NEW EDITION <b>(Inset)</b> Relocate Beacon "34" from 38°19'48.6"N 123°03'08.2"W to and delete legend "PA"	26/03 38°19'48.8"N 123°03'07.9"W		

## SECTION I

NM 26/03

<p><b>★18650</b> 51Ed. 4/20/02 LAST NM 21/03 Change Note to "SAN FRANCISCO-OAKLAND BAY BRIDGE  (Privately maintained aids)  The piers are lettered on the chart for reference.  Lights:  Piers A, B, E, G, and H. An AERO, flashing red every 10 seconds, on top of tower; a fixed red light each side of the bridge at the foot of the tower.  Piers I, J, and K. A fixed red light each side of the bridge at the foot of the tower.  Pier C. A fixed red light at each corner of the pier and red axis lights along the channel axis on each side.  Span AB, DE, and GH. A fixed green light with 3 white lights in vertical line above center of channel through span, on each side of bridge; red axis lights on channelward face of piers.  Span EF. A fixed red light on each side of the bridge marking the NE limit of the navigable channel.  Spans BC, CD, HI, IJ, and JK. Fixed green lights on each side of the bridge over the center of the channel.  Spans II, JK, KL, LM, and MN. A light occulting red every 5 seconds, on top and at the center of the span.  Fog Signals:  Bells on the east and west sides of pier C and on pier I.  Horns on piers A, B, D, E, G, and H.  Vertical clearances at the piers are:  PIER A - 174 FT. PIER B - 217 FT. PIER C - 220 FT. PIER D - 218 FT. PIER E - 175 FT.</p>	<p>26/03</p>	<p>Add Double dashed line with land tint (bridge) and legend "Bridge under construction" joining 37°49'21"N 122°19'20"W 37°49'08"N 122°21'10"W 37°48'50"N 122°21'39"W  (NOS) Purple-tint (construction area) 334 yards wide on above double dashed line 37°49'12"N 122°20'30"W</p>
<p><b>★18749</b> 38Ed. 12/1/01 LAST NM 21/03 Change Characteristic of buoy (mooring) "CR-3" to Fl 3s 33°44'23"N 118°08'49"W Characteristic of buoy (mooring) "CR-4" to Fl 3s 33°44'42"N 118°09'26"W Characteristic of buoy (mooring) "CR-5" to Fl 3s 33°44'48"N 118°09'53"W  (19/03 CG11)</p>	<p>26/03</p>	
<p><b>★18751</b> 42Ed. 12/1/01 LAST NM 21/03 Change Characteristic of buoy (mooring) "CR-4" to Fl 3s 33°44'42"N 118°09'27"W Characteristic of buoy (mooring) "CR-5" to Fl 3s 33°44'48"N 118°09'53"W  (19/03 CG11)</p>	<p>26/03</p>	
<p><b>★19381</b> 8Ed. 7/17/93 LAST NM 51/02 Add Buoy (mooring) [Q40] "T" (Navy maintd) 22°00'00"N 159°47'24"W  (20/03 CG14)</p>	<p>26/03</p>	
<p><b>★19382</b> 15Ed. 7/17/93 LAST NM 50/99 Add Buoy (mooring) [Q40] "1" (Navy maintd) 21°54'01.3"N 159°35'18.4"W Buoy (mooring) [Q40] "2" (Navy maintd) 21°54'01.9"N 159°35'18.4"W Buoy (mooring) [Q40] "3" (Navy maintd) 21°54'02.2"N 159°35'18.6"W Buoy (mooring) [Q40] "4" (Navy maintd) 21°54'02.6"N 159°35'18.8"W Buoy (mooring) [Q40] "5" (Navy maintd) 21°54'03.1"N 159°35'19.0"W  (See 50/99-19382)  (13/03 CG14)</p>	<p>26/03</p>	
<p><b>★19442</b> 5Ed. 2/03 LAST NM 14/03 Add Legend "AREA TO BE AVOIDED (see note)" 25°45'00"N 171°47'00"W  (NOS)</p>	<p>26/03</p>	
<p><b>22050</b> 4Ed. 4/5/97 LAST NM 12/03 <b>(Panel B)</b> Add Buoy RW, pillar, Fl(2) 10s 2°42.5'N 78°19.1'W  (37/03 Bogota)</p>	<p>26/03</p>	
<p><b>★22143</b> 4Ed. 4/19/03 NEW EDITION (NIMA)</p>	<p>26/03</p>	
<p><b>22263</b> 1Ed. 12/9/89 LAST NM 45/01 Delete Depth 95 meters 32°46'55.1"S 71°35'57.0"W  Add Depth 42 meters enclosed by depth contour (50-meter) (PA) 32°47'06.0"S 71°35'54.0"W  (32/3009)99 Taunton</p>	<p>26/03</p>	
<p><b>22264</b> 2Ed. 9/21/96 LAST NM 24/03 Delete Depth 95 meters 32°46'55"S 71°35'57"W  Add Depth 42 meters enclosed by depth contour (50-meter) (PA) 32°47'06"S 71°35'54"W  (32/3009)99 Taunton</p>	<p>26/03</p>	
<p><b>22275</b> 3Ed. 5/10/97 LAST NM 18/03 Delete Depth 95 meters 32°46.9'S 71°35.9"W  Add Depth 42 meters enclosed by depth contour (50-meter) (PA) 32°47.1'S 71°35.9"W  (32/3009)99 Taunton</p>	<p>26/03</p>	
<p><b>18652</b> 31Ed. 9/29/01 LAST NM 21/03 <b>(Page A)</b> Delete Legend "SAN FRANCISCO...141 FT" 37°49'07"N 122°18'15"W  <b>(Page B, Inset 5)</b> Delete Legend "SAN FRANCISCO-OAKLAND...141 FT" 37°49'20"N 122°20'22"W</p>	<p>26/03</p>	

<b>22293</b>	15Ed. 3/9/96 LAST NM 18/03 Delete Depth 95 meters	26/03 32°46.9'S 71°35.9'W	<b>25608</b>	21Ed. 7/22/95 LAST NM 16/03 <b>(Plan D)</b> Add Buoy (mooring) [Q40] Pilot station symbol [T1.1] (19(2101)03 Taunton)	26/03 17°17'02.3"N 62°42'34.5"W 17°15'48.2"N 62°43'17.5"W
<b>22370</b>	2Ed. 12/6/97 LAST NM 19/03 Delete Islet and legend "I Hales" in vicinity (32(3014)99 Taunton)	26/03 46°43.5'S 75°03.2'W	<b>26050</b>	1Ed. 8/10/85 LAST NM 34/02 Add Racon [S3.1] at light (See 34/02-26050) (13(1561)03 Taunton)	26/03 15°47.7'N 79°50.7'W
<b>22375</b>	Ed. 1/1/49 LAST NM N15/03 Delete Islets (3) and legend "I Hales" in vicinity (32(3014)99 Taunton)	N26/03 46°43.5'S 75°03.2'W	<b>28050</b>	3Ed. 4/4/92 LAST NM 34/02 Add Racon [S3.1] at light (See 34/02-28050) (13(1561)03 Taunton)	26/03 15°47.7'N 79°50.7'W
<b>22395</b>	2Ed. 2/28/98 LAST NM 22/03 Delete Islets (3) and legend "I Hales" in vicinity (32(3014)99 Taunton)	26/03 46°43.5'S 75°03.2'W	<b>37120</b>	2Ed. 3/22/97 LAST NM 25/03 Substitute Depth 26.5 meters for 26 meters (50(607)02 's-Gravenhage)	26/03 51°38.5'N 2°27.2'E
<b>22421</b>	4Ed. 9/15/87 LAST NM N25/03 Change Legend "Ver Carta 1133" to "See Chart 11443" Legend "Ver Carta 1134" to "See Chart 11444" (11(198)02 Valparaiso)	N26/03 53°51.0'S 70°29.5'W 53°53.2'S 70°32.5'W	<b>37150</b>	8Ed. 12/20/97 LAST NM 19/03 Delete Buoy Substitute Depth 27 meters Obstrn [K41] for foul ground symbol Depth 25 meters Obstrn [K41] for danger circle "Obstrn" Depth 34 meters Wk [K26] for 35 meters Wk	26/03 52°12'54"N 3°21'54"E 52°12'12"N 3°21'54"E 52°12'48"N 3°21'54"E 52°12'18"N 3°21'54"E 52°20'55"N 3°10'37"E
<b>22427</b>	1Ed. 10/10/88 LAST NM N25/03 Change Legend "Ver Carta 1136" to "See Chart 11521" Legend "See Chart 11550" to "See Chart 11530" Legend "See Chart 11420" to "See Chart 11421" Legend "Ver Carta 1133" to "See Chart 11443" Legend "Ver Carta 1134" to "See Chart 11444" Legend "See Chart 11920" to "See Chart 11441" (11(198)02 Valparaiso)	N26/03 52°58.3'S 70°50.6'W 52°58.4'S 70°13.5'W 53°18.3'S 70°21.0'W 53°50.8'S 70°27.5'W 53°53.4'S 70°27.6'W 53°51.4'S 70°23.3'W	Add Foul ground symbol [K31] Depth 35 meters Wk [K26] (48(595), 51(618)02, 8(117)03 's-Gravenhage)	52°21'26"N 3°25'07"E 52°13'13"N 3°13'05"E	
<b>24450</b>	3Ed. 5/23/87 LAST NM 6/02 Change Visibility (range) of light to 11M (20(2181)03 Taunton)	26/03 10°30.5'N 67°58.5'W	<b>37162</b>	12Ed. 5/18/96 LAST NM 21/03 Delete Buoy Substitute Depth 27 meters Obstrn [K41] for foul ground symbol Depth 25 meters Obstrn [K41] for danger circle "Obstrn"	26/03 52°12.9'N 3°21.9'E 52°12.2'N 3°21.9'E 52°12.8'N 3°21.9'E 52°12.3'N 3°21.9'E
<b>24453</b>	5Ed. 10/29/94 LAST NM 22/99 Change Light to Fl 10s 16m 11M (20(2181)03 Taunton)	26/03 10°30'27"N 67°58'32"W	Add Foul ground symbol [K31] Danger circle "Obstrn" [K40] (PA) Foul ground symbol [K31] Foul ground symbol [K31] Superbuoy [Q26] Y, Fl(5) Y 20s Buoy YBY, pillar, double cone topmark points together, VQ(9) 10s [Q103.3]	52°31.2'N 4°21.8'E 52°03.7'N 4°10.3'E 51°57.7'N 3°45.6'E 52°21.9'N 3°25.6'E 52°34.8'N 4°25.2'E 52°15.3'N 4°24.0'E	
<b>24454</b>	5Ed. 11/26/94 LAST NM 5/03 Change Light to Fl 10s 16m 11M (20(2181)03 Taunton)	26/03 10°30'27.0"N 67°58'31.5"W	(46(562), 48(594, 595), 50(611), 51(618)02, 4(70, 76), 8(117)03 's-Gravenhage)		
<b>24463</b>	6Ed. 6/3/95 LAST NM 25/03 Delete Pilot station symbol	26/03 12°31'03"S 70°04'13"W	<b>37164</b>	4Ed. 1/25/97 LAST NM 23/03 <b>(Panel A)</b> Add Buoy YBY, pillar, double cone topmark points together, VQ(9) 10s [Q103.3]	26/03 52°15'20"N 4°24'00"E
	Add Pilot station symbol [T1.1]	12°30'50"S 70°04'03"W	Buoy BY, double cone topmark points upward, VQ [Q103.3]	52°15'23"N 4°24'07"E	
	Pilot station symbol [T1.1]	12°28'30"S 70°01'04"W	Buoy YBY, double cone topmark bases together, VQ(3) 5s [Q103.3]	52°15'20"N 4°24'10"E	
	<b>(Plan C)</b>		Buoy YB, double cone topmark points downward, VQ(6) + L FI 10s [Q103.3]	52°15'17"N 4°24'04"E	
	Delete Pilot station symbol (See 42/97-24463)	12°30'59.0"N 70°04'11.4"W			
	Add Pilot station symbol [T1.1]	12°30'50.0"N 70°04'03.0"W	<b>(Panel B)</b>		
	(14(1644)03 Taunton)		Add Foul ground symbol [K31] Superbuoy Y, Fl(5) Y 20s [Q26]	52°31'14"N 4°21'49"E 52°34'47"N 4°25'13"E	
			(46(562, 568), 50(611)02, 4(76)03 's-Gravenhage)		
<b>25524</b>	43Ed. 6/10/95 LAST NM 24/03 Substitute Depth 13 meters Wk (unsurveyed) [K30] for dangerous wreck (16(1847)03 Taunton)	26/03 14°40'24"N 60°50'55"W	<b>37165</b>	2Ed. 2/3/96 LAST NM 23/03 Add Danger circle "Obstrn" [K40] Buoy "WS 3" Y, spherical, Fl(4) Y 10s	26/03 53°57.2'N 4°34.9'E 53°42.3'N 4°36.3'E
<b>25525</b>	17Ed. 12/3/94 LAST NM 5/03 Substitute Depth 13 meters Wk (unsurveyed) [K30] for dangerous wreck (16(1847)03 Taunton)	26/03 14°40'24.1"N 60°50'55.2"W	<b>37166</b>	2Ed. 7/13/96 LAST NM 21/03 Delete Buoy Buoy	26/03 52°12.9'N 3°21.9'E 52°12.2'N 3°21.9'E

(continued on next page)

## SECTION I

**NM 26/03**

<b>37166</b>	(Continued)			
Substitute	Depth 27 meters Obstn [K41] for foul ground symbol	52°12.8'N 3°21.9'E	Danger circle [K40] "Obstn (Marine Farm)" 59°05'29"N 5°35'53"E	
	Depth 25 meters Obstn [K41] for danger circle "Obstn"	52°12.3'N 3°21.9'E	Danger circle [K40] "Obstn (Marine Farm)" 59°05'26"N 5°36'07"E	
	Depth 34 meter Wk [K26] for danger circle "Obstn"	52°20.5'N 3°10.1'E	Danger circle [K40] "Obstn (Marine Farm)" 59°05'19"N 5°35'55"E	
Add	Buoy YBY, pillar, double cone topmark points together, VQ(9) 10s	52°15.3'N 4°24.0'E	Danger circle [K40] "Obstn (Marine Farm)" 59°05'20"N 5°40'15"E	
	Danger circle "Obstn" [K40]	53°08.9'N 4°16.4'E	Danger circle [K40] "Obstn (Marine Farm)" 59°04'44"N 5°40'59"E	
	Foul ground symbol [K31]	52°21.9'N 3°25.6'E	Danger circle [K40] "Obstn (Marine Farm)" 59°05'09"N 5°42'14"E	
	Buoy "WS 3" Y, spherical, Fl(4) Y 10s	53°42.3'N 4°36.3'E	Danger circle [K40] "Obstn (Marine Farm)" 59°05'00"N 5°42'42"E	
	Superbuoy [Q26] Y, Fl(5) Y 20s	52°34.8'N 4°25.2'E	Danger circle [K40] "Obstn (Marine Farm)" 59°03'37"N 5°42'58"E	
	(46(561), 562), 48(593, 595), 50(611), 51(618)02, 8(117)03 's-Gravenhage)		Danger circle [K40] "Obstn (Marine Farm)" 59°04'30"N 5°43'35"E	
<b>37223</b>	14Ed. 9/2/95 LAST NM 21/03	26/03	Danger circle [K40] "Obstn (Marine Farm)" 59°05'08"N 5°47'01"E	
Add	Depth 32 meters Obstn [K41]	53°08.9'N 4°16.4'E	Danger circle [K40] "Obstn (Marine Farm)" 59°05'17"N 5°48'35"E	
	Buoy "WS 3" Y, spherical, Fl(4) Y 10s	53°42.3'N 4°36.3'E	Danger circle [K40] "Obstn (Marine Farm)" 59°05'00"N 5°49'39"E	
	(46(561), 48(593)02 's-Gravenhage)		Danger circle [K40] "Obstn (Marine Farm)" 59°02'14"N 5°49'17"E	
<b>37241</b>	17Ed. 8/2/97 LAST NM 26/02	26/03	Danger circle [K40] "Obstn (Marine Farm)" 59°02'25"N 5°46'29"E	
Add	Danger circle "Obstn" [K40] (PA)	52°03'44"N 4°10'18"E	Danger circle [K40] "Obstn (Marine Farm)" 59°01'27"N 5°46'28"E	
	Foul ground symbol [K31]	51°57'42"N 3°45'36"E	Danger circle [K40] "Obstn (Marine Farm)" 59°00'29"N 5°45'15"E	
	(48(594)02, 4(70)03 's-Gravenhage)		Danger circle [K40] "Obstn (Marine Farm)" 58°58'31"N 5°51'40"E	
<b>37242</b>	10Ed. 5/16/98 LAST NM 20/02	26/03	Danger circle [K40] "Obstn (Marine Farm)" 58°57'47"N 5°49'26"E	
	<b>(Panel A)</b>		Danger circle [K40] "Obstn (Marine Farm)" 58°57'24"N 5°48'31"E	
Relocate	Buoy "B1" from 51°58'31.0"N 4°04'48.0"E to 51°58'40.2"N 4°04'35.4"E		Danger circle [K40] "Obstn (Marine Farm)" 58°57'16"N 5°48'17"E	
Change	Buoy "B3" to "B5" G, conical, L Fl G 5s	51°58'08.0"N 4°05'05.0"E	Danger circle [K40] "Obstn (Marine Farm)" 58°56'33"N 5°48'52"E	
	Buoy "B5" to "B7" G, conical, L Fl G 8s	51°58'31.0"N 4°04'48.0"E	Danger circle [K40] "Obstn (Marine Farm)" 58°56'44"N 5°50'40"E	
	Designation of buoy "B7" to "B9"	51°57'48.0"N 4°04'43.0"E	Danger circle [K40] "Obstn (Marine Farm)" 58°56'36"N 5°51'01"E	
	Beacon "B2 CA1" to "CA 1-B 2" GR, cone topmark, QG	51°58'10.0"N 4°05'50.0"E	Danger circle [K40] "Obstn (Marine Farm)" 58°56'15"N 5°47'52"E	
	(48(596), 52(632)02 's-Gravenhage)		Danger circle [K40] "Obstn (Marine Farm)" 58°55'55"N 5°48'05"E	
<b>37244</b>	11Ed. 2/1/97 LAST NM 23/03	26/03	<b>(Plan A)</b>	
Delete	Buoy	52°12.9'N 3°21.9'E	Add Light FG	58°58'26.0"N 5°45'03.6"E
	Buoy	52°12.2'N 3°21.9'E	(5(192), 24(1060, 1061)02, 6(282, 283), 7(336)03 Stavanger)	
Relocate	Buoy "Tear W" from 51°23.5'N 3°02.8"E to 51°23.5'N 3°03.0"E (See 23/03-37244)		<b>43384</b>	1Ed. 9/14/91 LAST NM 25/03 26/03
Substitute	Depth 27 meters Obstn [K41] for foul ground symbol	52°12.8'N 3°21.9'E	Change Buoy to Y, spar	58°13'28"N 11°54'40"E
	Depth 25 meters Obstn [K41] for danger circle "Obstn"	52°12.3'N 3°21.9'E	Add Buoy Y, spar	58°19'31"N 11°46'58"E
	Depth 26.5 meters for 26 meters	51°38.5'N 2°27.2'E	Buoy Y, spar	58°19'14"N 11°48'01"E
Add	Foul ground symbol [K31]	51°57.7'N 3°45.6'E	<b>(Plan B)</b>	
	(48(594), 50(607), 51(618)02, 8(117)03 's-Gravenhage; 6(80)03 Oostende)		Delete Light and sector limits	58°19'30.0"N 11°50'48.0"E
	(10(268)00 Norrkoping; Swd LL)		<b>43385</b>	1Ed. 8/22/92 LAST NM 24/03 26/03
			Change Name of light to "Barrlind"	57°55'58"N 11°33'05"E
			(10(264)00 Norrkoping)	
<b>37248</b>	18Ed. 2/14/98 LAST NM 24/03	26/03	<b>44001</b>	2Ed. 10/19/96 LAST NM 23/03 26/03
Relocate	Buoy "Tear W" from 51°23'31.8"N 3°02'45.0"E to 51°23'31.8"N 3°03'01.8"E (See 23/03-37248)		Delete Traffic separation scheme in vicinity	59°32.0'N 22°43.0"E
	(6(80)03 Oostende)		Purple heavy dashed line (outside limit of traffic lane) between	59°41.5'N 24°14.5'E 59°43.0'N 24°30.0'E
<b>43342</b>	7Ed. 10/3/98 LAST NM 10/99	26/03	Add Purple heavy dashed line (outside limit of traffic lane) between	59°47.8'N 24°29.0'E 59°47.9'N 24°30.4'E
Substitute	Perch R [Q91] for buoy	59°02'35"N 5°47'24"E	Purple heavy dashed line (outside limit of traffic lane) between	59°42.0'N 24°14.0'E 59°44.0'N 24°32.0'E
Change	Sectors of light between 128° and 229° to red 128°-130°, white-134°, green-190°, white-192°, red-222°, green-229°	59°02'55"N 5°46'34"E		
	Sectors of light between 277° and 074°30' to green 277°-071°, white-074°30'	59°00'21"N 5°54'31"E		
	Sectors of light between 319°30' and 120° to red 319°30'-333°, white-335°, green-039°, red-042°, green-076°, red-116°, white-120°	59°02'38"N 5°40'50"E		
Add	Perch R [Q91]	59°04'59"N 5°47'09"E		

(continued on next page)

## SECTION I

<b>44001</b>	(Continued)		Solid line (pier) between (34(516)02 Gdynia; BA LL)	53°26'54"N 14°35'06"E 53°26'55"N 14°35'08"E
	Purple tint area (traffic separation zone) bound by limit joining	59°46.0'N 24°29.0'E 59°46.5'N 24°31.0'E 59°45.6'N 24°31.5'E 59°45.4'N 24°29.5'E		
	Purple tint area (traffic separation zone) bound by limit joining	59°45.8'N 24°50.5'E 59°44.0'N 24°32.0'E 59°47.9'N 24°30.4'E 59°49.8'N 24°50.5'E		
	Precautionary area symbol [M16]	59°47.0'N 24°42.0'E	Add Depth 30 meters Wk	55°02.4'N 17°39.4'E
	Purple heavy dashed line (outside limit of traffic lane) joining	59°34.5'N 22°42.0'E 59°33.0'N 22°30.0'E 59°28.0'N 22°18.0'E	Depth 15.9 meters enclosed by depth contour (20-meter) 54°48.3'N 17°02.5'E Depth 18.4 meters enclosed by depth contour (20-meter) 54°42.4'N 16°55.8'E Depth 18.5 meters enclosed by depth contour (20-meter) 54°43.8'N 17°02.9'E	
	Purple heavy dashed line (outside limit of traffic lane) joining	59°25.0'N 22°48.0'E 59°23.8'N 22°39.0'E 59°20.2'N 22°31.0'E	Depth 15.6 meters 54°43.8'N 16°55.9'E Depth 13.3 meters 54°39.3'N 16°59.4'E Depth 10.4 meters 54°53.9'N 16°49.8'E Depth 14.3 meters 54°53.7'N 16°46.6'E Depth 13.7 meters 54°36.7'N 16°50.2'E Depth 10.3 meters 54°35.4'N 16°44.1'E Depth 11.9 meters 54°36.1'N 16°39.9'E Depth 16.8 meters 54°38.2'N 16°37.5'E Depth 13.9 meters 54°55.8'N 16°44.4'E Depth 16.1 meters 54°54.3'N 16°30.0'E Depth 11.1 meters 54°57.1'N 16°28.8'E Depth 11.4 meters 54°55.2'N 16°27.4'E Depth 12.8 meters 54°57.6'N 16°31.6'E	
	Purple tint area (traffic separation zone) bound by limit joining	59°25.2'N 22°33.2'E 59°29.0'N 22°32.8'E 59°31.0'N 22°44.2'E 59°28.8'N 22°45.8'E 59°27.2'N 22°35.2'E 59°23.8'N 22°26.0'E	Depth 19.6 meters enclosed by depth contour (20-meter) 54°39.1'N 16°35.0'E Depth 17.2 meters enclosed by depth contour (20-meter) 54°52.8'N 16°24.6'E Depth 18.5 meters enclosed by depth contour (20-meter) 54°55.2'N 16°22.5'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 257°	59°31.5'N 22°36.0'E	(17(274), 26(401)02 Gdynia)	
	Open-outlined arrow indicating flow of traffic [M10] oriented 077°	59°27.0'N 22°45.0'E		
	Open-outlined arrow indicating flow of traffic [M10] oriented 230°	59°27.5'N 22°25.0'E		
	Open-outlined arrow indicating flow of traffic [M10] oriented 050°	59°25.0'N 22°35.0'E		
	Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 GMT hours on 1 July 2003			
	Submarine cable [L30.1] joining	58°58.4'N 18°22.5'E 58°56.5'N 18°25.9'E 58°55.8'N 18°28.6'E 58°51.2'N 18°31.9'E 58°47.8'N 18°42.9'E 58°46.7'N 18°48.9'E 58°45.0'N 18°50.2'E 58°36.8'N 18°48.5'E 58°35.0'N 18°49.8'E 58°33.8'N 18°49.0'E 58°30.5'N 18°50.0'E 58°12.0'N 18°55.3'E 58°06.7'N 18°55.5'E 58°06.1'N 18°56.4'E 58°01.5'N 18°54.3'E 57°55.4'N 18°56.2'E	Add Submarine cable [L30.1] joining 58°51.5'N 18°31.7'E 58°51.2'N 18°31.9'E 58°47.8'N 18°42.9'E 58°46.7'N 18°48.9'E 58°45.0'N 18°50.2'E 58°36.8'N 18°48.5'E 58°35.0'N 18°49.8'E 58°33.8'N 18°49.0'E 58°30.5'N 18°50.0'E 58°27.1'N 18°51.0'E	
	(Supersedes 20/03P-44001) (1(15)03 Riga; 15-16(1074)03 Norrkoping; NTM0041/02)		(1(15)03 Riga; 15-16(1074)03 Norrkoping)	
<b>44015</b>	8Ed. 7/22/95 LAST NM 24/03	26/03		
	Add Depth 30 meters Wk (26(401)02 Gdynia)	55°02.4'N 17°39.4'E		
<b>44051</b>	1Ed. 7/25/92 LAST NM 25/03	26/03		
	Add Buoy Y, spar, "X" topmark (10(262)00 Norrkoping)	55°37'27.2"N 13°01'52.6"E 55°37'27.4"N 13°01'56.4"E		
<b>44083</b>	8Ed. 4/6/96 LAST NM 24/03	26/03		
Change	Buoy to "TN-B" G, conical Designation of buoy to "TN-C" Designation of buoy to "TN-D" Designation of buoy to "TN-E"	53°40'37"N 14°30'05"E 53°40'23"N 14°30'24"E 53°40'06"N 14°30'36"E 53°39'51"N 14°30'50"E		
	Add Buoy "TN-A" G, pillar, Fl G 2s (34(512)02 Gdynia)	53°40'53"N 14°29'50"E	(1(15)03 Riga; 15-16(1074)03 Norrkoping)	
<b>44084</b>	1Ed. 8/25/90 LAST NM 11/03	26/03		
	Add Light Iso G 2s 8m 3M	53°26'55"N 14°35'08"E	(51-52(1329)99 Norrkoping)	
<b>44105</b>	2Ed. 1/29/94 LAST NM 24/03	26/03	Delete Legend "occas" from light (7(197)00 Norrkoping)	56°09'08"N 14°53'06"E
<b>44140</b>	8Ed. 7/20/96 LAST NM 24/03	26/03	Substitute Depth 16.4 meters for 19 meters	54°56.0'N 17°02.5'E
	Add Depth 30 meters Wk	55°02.4'N 17°39.4'E		
<b>44160</b>	7Ed. 4/5/97 LAST NM 20/03	26/03		
	Add Submarine cable [L30.1] joining	58°51.5'N 18°31.7'E 58°51.2'N 18°31.9'E 58°47.8'N 18°42.9'E 58°46.7'N 18°48.9'E 58°45.0'N 18°50.2'E 58°36.8'N 18°48.5'E 58°35.0'N 18°49.8'E 58°33.8'N 18°49.0'E 58°30.5'N 18°50.0'E 58°27.1'N 18°51.0'E		
<b>44178</b>	2Ed. 4/13/96 LAST NM 16/03	26/03	Delete Buoy (See 7/03-44178)	58°54'31"N 17°57'38"E
	(10(257)00 Norrkoping)			
<b>44180</b>	6Ed. 7/6/91 LAST NM 20/03	26/03		
	Add Submarine cable [L30.1] joining	58°58.9'N 18°21.7'E 58°58.7'N 18°22.8'E 58°58.4'N 18°22.5'E 58°56.5'N 18°25.9'E 58°55.8'N 18°28.6'E 58°51.2'N 18°31.9'E 58°47.8'N 18°42.9'E 58°46.7'N 18°48.9'E 58°45.0'N 18°50.2'E 58°36.8'N 18°48.5'E 58°35.0'N 18°49.8'E 58°33.8'N 18°49.0'E 58°30.5'N 18°50.0'E 58°27.1'N 18°51.0'E		
<b>44205</b>	2Ed. 4/9/94 LAST NM 22/03	26/03		
	Delete Anchoring and fishing prohibited area bound by shore and purple composite line between	60°43'35.0"N 17°17'56.0"E 60°43'53.0"N 17°19'03.0"E		

## SECTION I

**NM 26/03**

<p><b>44282</b> 1Ed. 2/22/92 LAST NM 21/03  <b>(Panel A)</b></p> <p>Delete Buoy (mooring) 63°43'16"N 20°18'59"E  Delete Buoy (mooring) 63°43'22"N 20°19'04"E  Delete Buoy (mooring) 63°43'25"N 20°18'52"E  (35(793)00 Norrkoping)</p>	<p>26/03</p>	<p>Add Purple heavy dashed line (outside limit of traffic lane) joining  59°34.5'N 22°42.0'E  59°33.0'N 22°30.0'E  59°28.0'N 22°18.0'E</p> <p>Purple heavy dashed line (outside limit of traffic lane) joining  59°25.0'N 22°48.0'E  59°23.8'N 22°39.0'E  59°20.2'N 22°31.0'E</p> <p>Purple tint area (traffic separation zone) bound by limit joining  59°25.2'N 22°32.2'E  59°29.6'N 22°32.8'E  59°31.2'N 22°44.6'E  59°28.8'N 22°45.8'E  59°27.6'N 22°35.2'E  59°23.8'N 22°26.0'E</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 257° 59°31.5'N 22°36.0'E  Open-outlined arrow indicating flow of traffic [M10] oriented 077° 59°27.0'N 22°46.0'E  Open-outlined arrow indicating flow of traffic [M10] oriented 230° 59°27.5'N 22°25.0'E  Open-outlined arrow indicating flow of traffic [M10] oriented 050° 59°25.0'N 22°37.0'E</p> <p>Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 GMT hours on 1 July 2003  (Supersedes 20/03P-44320)  (NTM0041/02)</p>
<p><b>44319</b> 2Ed. 2/15/97 LAST NM 20/03</p> <p>Delete Traffic separation scheme in vicinity 59°32.0'N 22°43.0'E</p>	<p>26/03</p>	<p>Add Purple heavy dashed line (outside limit of traffic lane) between  59°50.0'N 24°52.1'E  59°50.5'N 24°59.3'E</p> <p>Purple heavy dashed line (outside limit of traffic lane) between  59°46.2'N 24°53.1'E  59°46.6'N 24°59.8'E</p> <p>Purple heavy dashed line (outside limit of traffic lane) between  59°47.8'N 24°29.0'E  59°47.9'N 24°30.4'E</p> <p>Purple heavy dashed line (outside limit of traffic lane) between  59°43.2'N 24°30.0'E  59°44.0'N 24°32.0'E</p> <p>Purple tint area (traffic separation zone) bound by limit joining  59°48.8'N 24°52.2'E  59°49.3'N 24°59.2'E  59°47.8'N 25°00.0'E  59°47.2'N 24°52.5'E</p> <p>Purple tint area (traffic separation zone) bound by limit joining  59°46.2'N 24°29.0'E  59°46.5'N 24°31.0'E  59°45.0'N 24°31.5'E  59°44.8'N 24°29.5'E</p> <p>Purple heavy dashed line (outside limit of precautionary area) joining  59°44.0'N 24°32.0'E  59°46.2'N 24°53.1'E  59°50.0'N 24°52.1'E  59°47.9'N 24°30.4'E</p> <p>Precautionary area symbol [M16] 59°47.0'N 24°42.0'E</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 263° 59°49.5'N 24°55.7'E</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 083° 59°47.0'N 25°00.0'E</p> <p>Purple heavy dashed line (outside limit of traffic lane) joining  59°34.5'N 22°42.0'E  59°33.0'N 22°30.0'E  59°28.0'N 22°18.0'E</p> <p>Purple heavy dashed line (outside limit of traffic lane) joining  59°25.0'N 22°48.0'E  59°23.8'N 22°39.0'E  59°20.2'N 22°31.0'E</p> <p>Purple tint area (traffic separation zone) bound by limit joining  59°25.2'N 22°23.2'E  59°29.0'N 22°32.8'E  59°31.0'N 22°44.2'E  59°28.8'N 22°45.8'E  59°27.2'N 22°35.2'E  59°23.8'N 22°26.0'E</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 257° 59°31.5'N 22°36.0'E</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 077° 59°27.0'N 22°46.0'E</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 230° 59°27.5'N 22°25.0'E</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 050° 59°25.0'N 22°37.0'E</p> <p>Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 GMT hours on 1 July 2003  (Supersedes 20/03P-44319)  (NTM0041/02)</p>
<p><b>44320</b> 4Ed. 9/21/96 LAST NM 25/03</p> <p>Delete Traffic separation scheme in vicinity 59°32.0'N 22°43.0'E</p>	<p>26/03</p>	<p>Add Purple heavy dashed line (outside limit of traffic lane) joining  59°34.5'N 22°42.0'E  59°33.0'N 22°30.0'E  59°28.0'N 22°18.0'E</p> <p>Purple heavy dashed line (outside limit of traffic lane) joining  59°25.0'N 22°48.0'E  59°23.8'N 22°39.0'E  59°20.2'N 22°31.0'E</p> <p>Purple tint area (traffic separation zone) bound by limit joining  59°25.2'N 22°32.2'E  59°29.6'N 22°32.8'E  59°31.2'N 22°44.6'E  59°28.8'N 22°45.8'E  59°27.6'N 22°35.2'E  59°23.8'N 22°26.0'E</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 263° 59°49.5'N 24°55.7'E</p> <p>Open-outlined arrow indicating flow of traffic [M10] oriented 083° 59°47.0'N 25°00.0'E</p> <p>Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 GMT hours on 1 July 2003  (Supersedes 20/03P-44340)  (NTM0041/02)</p>

## SECTION I

<b>44341</b>	7Ed. 10/17/98 LAST NM 20/03	26/03	Depth 14.6 meters and extend depth contour (20-meter) close NW to enclose	54°44.9'N 16°57.7'E
Add	Purple heavy dashed line (outside limit of traffic lane) between	59°50'03"N 24°52'05"E 59°50'30"N 24°59'15"E	Depth 15.6 meters	54°43.8'N 16°55.8'E
	Purple heavy dashed line (outside limit of precautionary area) joining	59°49'05"N 24°41'57"E 59°50'03"N 24°52'05"E 59°48'59"N 24°52'17"E	Depth 18.4 meters enclosed by depth contour (20-meter)	54°42.4'N 16°55.7'E
	Precautionary area symbol [M16]	59°49'15"N 24°49'25"E	Depth 18.5 meters enclosed by depth contour (20-meter)	54°43.8'N 17°02.9'E
	Open-outlined arrow indicating flow of traffic [M10] oriented 263°	59°49'30"N 24°55'45"E	Depth 17.7 meters enclosed by depth contour (20-meter)	55°00.1'N 16°50.3'E
	Note: The above Traffic Separation Scheme Amendments have been adopted by the IMO and will become effective at 0001 GMT hours on 1 July 2003 (Supersedes 20/03P-44341)		Depth 13.3 meters	54°39.3'N 16°59.4'E
	(NTM0041/02)		Depth 10.4 meters	54°53.9'N 16°49.8'E
			Depth 13.7 meters	54°36.7'N 16°50.2'E
			Depth 16.8 meters	54°38.2'N 16°37.5'E
			Depth 17.9 meters	54°52.5'N 16°35.9'E
			Depth 16.1 meters	54°54.3'N 16°29.9'E
			Depth 10.5 meters	54°56.0'N 16°29.2'E
			Depth 11.1 meters	54°57.1'N 16°28.8'E
			Depth 11.4 meters	54°55.2'N 16°27.3'E
<b>44361</b>	6Ed. 7/13/96 LAST NM 21/03	26/03	Depth 17.2 meters enclosed by depth contour (20-meter)	54°52.8'N 16°24.6'E
Add	"Swept to 11m (2001)" area bound by purple dashed line joining	59°57'10"N 29°50'57"E 59°57'14"N 29°51'26"E 59°57'19"N 29°51'30"E 59°57'15"N 29°51'48"E 59°57'11"N 29°51'44"E 59°57'10"N 29°51'50"E 59°57'14"N 29°51'54"E 59°57'11"N 29°52'11"E 59°57'06"N 29°52'07"E 59°57'01"N 29°51'41"E	Depth 16 meters	54°57.1'N 16°43.1'E
			Depth 12.8 meters	54°57.6'N 16°31.6'E
			Depth 9.5 meters, blue tint and enclosing depth contour (10-meter) centered	55°00.2'N 16°40.7'E
			( 17(274), 26(401), 34(507)02 Gdynia)	
<b>44365</b>	1Ed. 8/3/91 LAST NM 8/03	26/03		
	Change Period of light to 2s	60°40'11.0"N 28°38'44.0"E		
	(30(4528)02 St. Petersburg)			
<b>44410</b>	4Ed. 2/8/97 LAST NM 24/03	26/03		
Add	Submarine cable [L30.1] joining	58°58.9'N 18°21.7'E 58°58.7'N 18°22.8'E 58°58.4'N 18°22.5'E 58°56.5'N 18°25.9'E 58°55.8'N 18°28.6'E 58°51.2'N 18°31.9'E 58°47.8'N 18°42.9'E 58°46.7'N 18°48.9'E 58°45.0'N 18°50.2'E 58°36.8'N 18°48.5'E 58°35.0'N 18°49.8'E 58°33.8'N 18°49.0'E 58°30.5'N 18°50.0'E 58°12.0'N 18°55.3'E 58°06.7'N 18°55.5'E 58°06.1'N 18°56.4'E 58°01.5'N 18°54.3'E 57°56.2'N 18°55.9'E 57°55.4'N 18°56.2'E		
			Purple tint area (traffic separation zone) bound by limit joining	37°31.9'N 0°33.6'W 37°33.4'N 0°31.5'W 37°34.8'N 0°30.4'W 37°35.1'N 0°31.5'W 37°34.3'N 0°32.3'W 37°32.7'N 0°34.7'W
			Purple composite line (inshore traffic zone) limit joining	37°33.2'N 0°55.2'W 37°33.7'N 0°35.8'W 37°34.9'N 0°33.9'W 37°35.6'N 0°33.5'W 37°46.0'N 0°38.9'W
			Open-outlined arrow indicating flow of traffic [M10] oriented 212°	37°34.9'N 0°32.9'W
			Open-outlined arrow indicating flow of traffic [M10] oriented 232°	37°33.5'N 0°34.8'W
			Open-outlined arrow indicating flow of traffic [M10] oriented 052°	37°32.0'N 0°32.2'W
			Open-outlined arrow indicating flow of traffic [M10] oriented 032°	37°33.8'N 0°30.2'W
<b>44461</b>	10Ed. 1/11/97 LAST NM 24/03	26/03	Legend "INSHORE TRAFFIC ZONE"	37°35.0'N 0°38.0'W
Add	Stranded wreck [K24] with legend "2 Wks"	54°49'56"N 18°01'40"E	Note: The above Traffic Separation Scheme has been adopted by the IMO and will become effective at 0001 GMT on 1 July 2003	
	(34(507)02 Gdynia)		(Supersedes 20/03P-52060)	
			(NTM0041/2002)	
<b>44481</b>	2Ed. 2/22/97 LAST NM 24/03	26/03		
Delete	Stranded wreck	54°48.2'N 17°45.3'E		
Substitute	Depth 16.4 meters for 19 meters	54°56.0'N 17°02.5'E		
	Dangerous wreck [K28] for stranded wreck	54°49.2'N 17°52.2'E		
Add	Depth 30 meters Wk	55°02.4'N 17°39.4'E		
	Depth 0.1 meter Wk [K26]	54°47.8'N 17°44.2'E		
	Stranded wreck [K24] with legend "2 Wk"	54°49.9'N 18°01.7'E		
	Depth 19.6 meters enclosed by depth contour (20-meter)	54°50.2'N 17°04.8'E		
	Depth 15.9 meters enclosed by depth contour (20-meter)	54°48.3'N 17°02.5'E		
	Depth 20 meters enclosed by depth contour (20-meter)	54°47.6'N 16°56.3'E		
			Purple tint area (traffic separation zone) bound by limit joining	37°31'56"N 0°33'34"W 37°33'26"N 0°31'28"W 37°34'47"N 0°30'22"W 37°35'08"N 0°31'28"W 37°34'20"N 0°32'16"W 37°32'44"N 0°34'40"W
			(continued on next page)	

## SECTION I

**NM 26/03**

**52061** (Continued)

Purple composite line (inshore traffic zone limit) joining  
 37°33'14"N 0°55'12"W  
 37°33'41"N 0°35'49"W  
 37°34'56"N 0°33'52"W  
 37°35'38"N 0°33'28"W  
 37°49'20"N 0°40'25"W

Open-outlined arrow indicating flow of traffic [M10] oriented 212° 37°35'10"N 0°32'30"W  
 Open-outlined arrow indicating flow of traffic [M10] oriented 232° 37°33'47"N 0°34'15"W  
 Open-outlined arrow indicating flow of traffic [M10] oriented 052° 37°32'03"N 0°32'00"W  
 Open-outlined arrow indicating flow of traffic [M10] oriented 032° 37°33'48"N 0°29'50"W

Legend "INSHORE TRAFFIC ZONE"  
 37°36'12"N 0°37'30"W

Note in left bottom margin of chart

"NOTE"

The Traffic Separation Scheme on this chart is adopted by the International Maritime Organization (IMO)"  
 (Supersedes 20/03P-52061)

(NTM0041/2002)

**52080** 14Ed. 2/8/97 LAST NM 20/03

26/03

Add Purple heavy dashed line (outside limit of traffic lane) between  
 38°41.3'N 0°28.7'E  
 38°37.6'N 0°26.1'E

Purple tint area (traffic separation zone) bound by limit joining  
 38°37.8'N 0°23.2'E  
 38°42.1'N 0°26.9'E  
 38°42.9'N 0°25.1'E  
 38°37.8'N 0°20.7'E

Purple composite line (inshore traffic zone limit) joining  
 38°37.8'N 0°05.2'E  
 38°37.8'N 0°13.6'E  
 38°40.9'N 0°20.3'E  
 38°43.9'N 0°22.7'E  
 38°48.4'N 0°12.1'E

Purple composite line (inshore traffic zone limit) between  
 37°37.0'N 0°34.3'W  
 37°54.7'N 0°43.3'W

Open-outlined arrow indicating flow of traffic [M10] oriented 032° 38°39.5'N 0°26.3'E  
 Open-outlined arrow indicating flow of traffic [M10] oriented 212° 38°40.7'N 0°21.8'E

Legend "INSHORE TRAFFIC ZONE" 38°41.7'N 0°17.3'E  
 Legend "INSHORE TRAFFIC ZONE" 37°47.4'N 0°40.8'W

Note

"NOTE"

The Traffic Separation Scheme on this chart is adopted by the International Maritime Organization (IMO)"  
 (Supersedes 20/03P-52080)

(NTM0041/2002)

**52082** 3Ed. 9/16/00 LAST NM 20/03

26/03

Add Purple composite line (inshore traffic zone limit) between  
 37°37'30"N 0°34'24"W  
 37°54'38"N 0°43'13"W

Legend "INSHORE TRAFFIC ZONE"  
 37°45'37"N 0°40'52"W

Note

"NOTE"

The Traffic Separation Scheme on this chart is adopted by the International Maritime Organization (IMO)"  
 (Supersedes 20/03P-52082)

(NTM0041/2002)

**52088** 2Ed. 3/30/96 LAST NM 20/03

26/03

Add Purple tint area (traffic separation zone) bound by limit joining  
 38°37'50"N 0°22'00"E  
 38°37'50"N 0°20'40"E  
 38°39'30"N 0°22'00"E

Purple composite line (inshore traffic zone limit) joining

38°37'50"N 0°05'00"E  
 38°37'50"N 0°13'34"E  
 38°40'56"N 0°20'16"E  
 38°43'07"N 0°22'00"E

Open-outlined arrow indicating flow of traffic [M10] oriented 212°

38°40'52"N 0°21'30"E

Legend "INSHORE TRAFFIC ZONE"

38°41'48"N 0°16'00"E

Note

"NOTE"

The Traffic Separation Scheme on this chart is adopted by the International Maritime Organization (IMO)"

38°17'44"N 0°12'15"E

(Supersedes 20/03P-52088)  
 (NTM0041/2002)

**53205** 3Ed. 6/22/96 LAST NM 5/03

26/03

Add "Marine Farm" area bound by dashed line joining  
 35°50'45.6"N 14°35'08.4"E  
 35°50'40.2"N 14°35'18.6"E  
 35°50'20.4"N 14°35'05.4"E  
 35°50'24.0"N 14°34'55.2"E

Buoy Y, can, Fl(2) Y 7s  
 (20/03 Valletta)

35°50'45.6"N 14°35'08.4"E  
 35°50'40.2"N 14°35'18.6"E  
 35°50'20.4"N 14°35'05.4"E  
 35°50'24.0"N 14°34'55.2"E

**54351** 7Ed. 11/26/94 LAST NM 52/02

26/03

Change Height of light to 22m  
 (9/232)01 Athens

**55103** 2Ed. 4/6/96 LAST NM 25/03

26/03

Add Buoy (mooring) [Q40]  
 (31/4758)02 St. Petersburg

**55128** 2Ed. 3/18/00 LAST NM 14/03

26/03

**(Plan)**  
 Change Berth designation to "34A" 44°43'20.0"N 37°47'06.0"E  
 Add Berth designation "34" [F19] 44°43'19.0"N 37°47'03.0"E  
 (29/4405)02 St. Petersburg

**55200** 2Ed. 8/17/96 LAST NM 25/03

26/03

Add Pilot station symbol [T1.1]  
 (30/4578)02 St. Petersburg

44°54.4"N 37°17.9"E

**62100** 6Ed. 8/8/92 LAST NM 23/03

26/03

Delete Purple heavy dashed lines (2), purple tint area (traffic separation zone) and purple open-outlined arrow symbols (6) in vicinity  
 12°44'00"N 43°18'00"E

Add Purple heavy dashed line (outside limit of traffic lane) joining  
 13°11'56"N 43°01'43"E  
 12°35'47"N 43°18'59"E  
 12°31'15"N 43°27'02"E

Purple heavy dashed line (outside limit of traffic lane) joining  
 13°15'00"N 43°04'42"E  
 12°38'30"N 43°22'13"E  
 12°34'41"N 43°29'02"E

Purple tint area (traffic separation zone) bound by limit joining  
 13°13'04"N 43°02'52"E  
 12°36'49"N 43°20'13"E  
 12°32'32"N 43°27'47"E  
 12°33'22"N 43°28'18"E  
 12°37'30"N 43°21'00"E  
 13°13'50"N 43°03'36"E

Open-outlined arrow indicating flow of traffic [M10] oriented 155° 13°05'30"N 43°05'45"E  
 Open-outlined arrow indicating flow of traffic [M10] oriented 120° 12°33'30"N 43°24'15"E  
 Open-outlined arrow indicating flow of traffic [M10] oriented 300° 12°35'15"N 43°26'30"E

(continued on next page)

<b>62100</b>	(Continued)		
	Open-outlined arrow indicating flow of traffic [M10] oriented 335°	13°02'30"N 43°09'45"E	
	Note		
	“NOTE		
	The Traffic Separation Scheme on this chart is adopted by the International Maritime Organization (IMO)”	12°35'45"N 43°06'45"E	
	(Supersedes 23/03P-62100)		
	(NTM0017/2003)		
<b>62110</b>	9Ed. 8/5/00 LAST NM 23/03	26/03	
Add	Purple heavy dashed line (outside limit of traffic lane) joining	13°37'24"E 42°29'56"E 13°29'49"N 42°33'53"E 13°25'13"N 42°41'03"E	
	Purple heavy dashed line (outside limit of traffic lane) joining	13°40'49"N 42°36'54"E 13°34'04"N 42°40'23"E 13°30'15"N 42°45'11"E	
	Purple tint area (traffic separation zone) bound by limit joining	13°38'20"N 42°31'47"E 13°30'57"N 42°35'36"E 13°26'37"N 42°42'11"E 13°29'07"N 42°44'13"E 13°33'12"N 42°39'05"E 13°40'09"N 42°35'30"E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 154°	13°35'00"N 42°32'24"E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 123°	13°27'36"N 42°38'36"E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 309°	13°31'36"N 42°42'48"E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 333°	13°36'48"N 42°38'12"E	
	Purple heavy dashed line (outside limit of traffic lane) between	13°57'58"N 42°49'57"E 14°00'52"N 42°49'13"E	
	Purple heavy dashed line (outside limit of traffic lane) between	13°58'56"N 42°53'50"E 14°00'52"N 42°53'21"E	
	Purple tint area (traffic separation zone) bound by limit joining	14°00'52"N 42°50'20"E 13°58'13"N 42°51'00"E 13°58'33"N 42°52'18"E 14°00'52"N 42°51'43"E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 166°	13°59'12"N 42°50'12"E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 346°	13°59'48"N 42°52'24"E	
	Note		
	“NOTE		
	The Traffic Separation Schemes on this chart are adopted by the International Maritime Organization (IMO)”	13°01'30"N 42°30'00"E	
	(Supersedes 23/03P-62110)		
	(NTM0017/2003)		
<b>62290</b>	3Ed. 2/23/91 LAST NM 23/03	26/03	
Delete	Purple heavy dashed lines (2), purple tint area (traffic separation zone), purple open-outlined arrow symbols (6) in vicinity	12°44.0'N 43°18.0'E	
Add	Purple heavy dashed line (outside limit of traffic lane) joining	14°06.5'N 42°45.0'E 14°01.9'N 42°48.9'E 13°58.0'N 42°50.0'E	
	Purple heavy dashed line (outside limit of traffic lane) joining	14°09.4'N 42°48.4'E 14°04.9'N 42°52.4'E 13°58.9'N 42°53.8'E	
	Purple tint area (traffic separation zone) bound by limit joining	14°07.3'N 42°46.0'E 14°02.8'N 42°49.9'E 13°58.2'N 42°51.0'E 13°58.6'N 42°52.3'E 14°03.8'N 42°51.0'E 14°08.3'N 42°47.1'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 140°	14°05.0'N 42°47.5'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 166°	14°00.0'N 42°50.0'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 346°	14°01.0'N 42°52.5'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 320°	14°06.0'N 42°50.0'E	
	Purple heavy dashed line (outside limit of traffic lane) joining	13°37.4'N 42°29.9'E 13°29.8'N 42°33.9'E 13°25.2'N 42°41.1'E	
	Purple heavy dashed line (outside limit of traffic lane) joining	13°40.8'N 42°36.9'E 13°34.1'N 42°40.4'E 13°30.3'N 42°45.2'E	
	Purple tint area (traffic separation zone) bound by limit joining	13°38.3'N 42°31.8'E 13°31.0'N 42°35.6'E 13°26.6'N 42°42.2'E 13°29.1'N 42°44.2'E 13°33.2'N 42°39.1'E 13°40.2'N 42°35.5'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 154°	13°34.8'N 42°32.5'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 123°	13°27.0'N 42°40.0'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 309°	13°31.0'N 42°42.5'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 333°	13°36.5'N 42°38.0'E	
	Purple heavy dashed line (outside limit of traffic lane) joining	13°11.9'N 43°01.7'E 12°35.8'N 43°19.0'E 12°31.3'N 43°27.0'E	
	Purple heavy dashed line (outside limit of traffic lane) joining	13°15.0'N 43°04.7'E 12°38.5'N 43°22.2'E 12°34.7'N 43°29.0'E	
	Purple tint area (traffic separation zone) bound by limit joining	13°13.1'N 43°02.9'E 12°36.8'N 43°20.2'E 12°32.5'N 43°27.8'E 12°33.4'N 43°28.3'E 12°37.5'N 43°21.0'E 13°13.8'N 43°03.6'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 155°	13°08.0'N 43°04.0'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 120°	13°34.5'N 43°23.5'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 300°	12°36.5'N 43°24.5'E	
	Open-outlined arrow indicating flow of traffic [M10] oriented 335°	13°08.0'N 43°09.0'E	
	Note		
	“NOTE		
	The Traffic Separation Schemes on this chart are adopted by the International Maritime Organization (IMO)”	14°00.0'N 43°25.5'E	
	(Supersedes 23/03P-62290)		
	(NTM0017/2003)		
<b>62295</b>	3Ed. 4/20/96 LAST NM 23/03	26/03	
Add	Purple heavy dashed line (outside limit of traffic lane) joining	14°06'29"N 42°44'59"E 14°01'56"N 42°48'56"E 13°57'58"N 42°49'57"E	
	Purple heavy dashed line (outside limit of traffic lane) joining	14°09'24"N 42°48'25"E 14°04'53"N 42°52'21"E 13°58'56"N 42°53'50"E	
	Purple tint area (traffic separation zone) bound by limit joining	14°07'17"N 42°45'58"E 14°02'46"N 42°49'51"E 13°58'13"N 42°51'00"E 13°58'33"N 42°52'18"E 14°03'46"N 42°51'00"E 14°08'16"N 42°47'06"E	

(continued on next page)

# SECTION I

NM 26/03

**62295** (Continued)

Open-outlined arrow indicating flow of traffic	
[M10] oriented 140°	14°04'45"N 42°47'10"E
Open-outlined arrow indicating flow of traffic	
[M10] oriented 166°	13°59'30"N 42°50'00"E
Open-outlined arrow indicating flow of traffic	
[M10] oriented 346°	14°01'30"N 42°52'30"E
Open-outlined arrow indicating flow of traffic	
[M10] oriented 320°	14°06'30"N 42°49'30"E

Note

“NOTE

The Traffic Separation Scheme on this chart is adopted by the International Maritime Organization (IMO)  
(Supersedes 23/03P-62295)

(NTM0017/2003)

**71018** 10Ed. 3/23/96 LAST NM 25/03

Add	Platform [L10] “BNA”	5°51.4'S 107°43.6'E
	Platform [L10] “BZZA”	5°53.2'S 107°36.8'E
	Platform [L10] “ETB”	5°58.4'S 107°57.1'E
	Platform [L10] “FM”	6°05.5'S 108°08.6'E
	Platform [L10] “EWW”	5°56.1'S 107°50.5'E
	Platform [L10] “EWY”	5°54.7'S 107°50.4'E
	Platform [L10] “FNB”	5°59.1'S 108°08.0'E
	Platform [L10] “FWB”	5°55.5'S 108°06.7'E
	Platform [L10] “SBA”	5°48.6'S 107°36.2'E
	Platform [L10] “LF”	5°54.8'S 107°29.1'E
	Platform [L10] “HZEB”	5°54.4'S 108°04.7'E
	Platform [L10] “BQ”	5°54.5'S 107°47.8'E
	Platform [L10] “BTSA”	5°51.8'S 107°34.8'E

(12(83, 84)03 Jakarta)

**71036** 8Ed. 6/7/97 LAST NM 23/03

Add	Platform [L10] “BNA”	5°51.4'S 107°43.6'E
	Platform [L10] “BZZA”	5°53.2'S 107°36.8'E
	Platform [L10] “ETB”	5°58.4'S 107°57.1'E
	Platform [L10] “EWW”	5°56.1'S 107°50.5'E
	Platform [L10] “EWY”	5°54.7'S 107°50.4'E
	Platform [L10] “FNB”	5°59.1'S 107°08.0'E
	Platform [L10] “FWB”	5°55.5'S 108°06.7'E
	Platform [L10] “SBA”	5°48.6'S 107°36.2'E
	Platform [L10] “HZEB”	5°54.4'S 108°04.7'E
	Platform [L10] “BQ”	5°54.5'S 107°47.8'E
	Platform [L10] “BTSA”	5°51.8'S 107°34.8'E

(12(83, 84)03 Jakarta)

**74021** 7Ed. 6/7/97 LAST NM 10/03

**(Plan B)**

Add	Beacon BY, double cone topmark points upward, VQ	20°35'25.2"S 117°10'23.4"E
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(8(275)03 Wollongong)

**74229** 2Ed. 9/19/98 LAST NM 18/03

**(Plan)**

Change	Legend “5.1m” to “4.7m” (See 18/03-74229)	21°17'22.8"S 149°17'58.2"E
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(8(268)03 Wollongong)

**74271** 9Ed. 9/6/97 LAST NM 19/03

Add	Chartlet, depicting changes in hydrography, from Subsection I-2	13°45'00"S 144°05'00"E
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(26(826)02 Wollongong)

**74380** 4Ed. 9/13/97 LAST NM 9/03

Add	Depth 4.2 meters	11°14.5'S 132°07.4'E
	Depth 5.5 meters	11°18.5'S 132°09.3'E

(8(272)03 Wollongong)

**74391** 3Ed. 8/12/95 LAST NM 15/02

Add	Depth 4.2 meters	11°14'29"S 132°07'26"E
	Depth 5.5 meters	11°18'32"S 132°09'20"E

(See 27/99-74391)

(8(272)03 Wollongong)

**74584** 5Ed. 7/22/95 LAST NM 45/02

Change	Topmark of buoy to double cone topmark points together	32°13'07.8"S 115°44'30.6"E
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**(Plan)**

Change	Topmark of buoy to double cone topmark points together	32°13'07.8"S 115°44'30.6"E
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**75035** 18Ed. 3/18/95 LAST NM 6/03

Add	Wreck [K29]	34°50.2'S 150°58.6"E
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(8(263)03 Wollongong)

**75130** 16Ed. 8/26/95 LAST NM 25/03

Add	Depth 1.8 meters enclosed by depth contour (5-meter)	35°30.5'S 138°13.1"E
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(5(165)03 Wollongong)

**75150** 5Ed. 3/8/97 LAST NM 19/03

Add	Depth 1.8 meters, blue tint and enclosing depth contour (5-meter)	35°30'31"S 138°13'08"E
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(5(165)03 Wollongong)

**75171** 22Ed. 4/3/99 LAST NM 16/03

Delete	Beacon	38°08'19"S 144°42'46"E
	Buoy	38°18'14"S 144°34'13"E
	Buoy	38°18'14"S 144°34'28"E

(See 42/02-75171)

Substitute Beacon for buoy

Add	Beacon Y, “X” topmark	38°08'07"S 144°42'52"E
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Beacon Y, “X” topmark

	Beacon BY, double cone topmark points upward	38°08'20"S 144°43'00"E
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(6(207), 8(280)03 Wollongong)

**75173** 9Ed. 8/8/98 LAST NM 20/03

Delete	Buoy	38°12'10.2"S 144°43'24.1"E
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(8(280)03 Wollongong)

Add	Beacon	38°12'09.3"S 144°43'23.6"E
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Beacon Y, “X” topmark

	Beacon Y, “X” topmark	38°10'12.4"S 144°43'13.1"E
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(8(280)03 Wollongong)

**75176** 9Ed. 9/16/00 LAST NM 25/03

Delete	Beacon	38°08'14.4"S 144°26'40.2"E
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(8(280), 281)03 Wollongong)

Add	Beacon Y, “X” topmark	38°06'39.5"S 144°38'50.3"E
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Beacon Y

	38°08'13.4"S 144°26'38.5"E
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(8(280), 281)03 Wollongong)

**75177** 7Ed. 6/20/98 LAST NM 6/03

Substitute	Depth 0.6 meter enclosed by depth contour (2-meter) for 2.1 meters	37°57'10.2"S 144°59'44.4"E
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(6(208)03 Wollongong)

**75220** 12Ed. 7/13/96 LAST NM 20/03

Delete	Depth 35 meters	39°33.2'S 148°25.5"E
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(6(206)03 Wollongong)

**75241** 6Ed. 1/17/98 LAST NM 36/02

Delete	Anchorage symbol and purple dashed line in vicinity	37°04'37.8"S 149°54'22.8"E
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Note

	37°04'15.0"S 149°52'30.0"E
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Buoy (mooring)

	37°04'39.6"S 149°54'23.4"E
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Buoy (mooring)

	37°04'37.2"S 149°54'29.4"E
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Buoy (mooring)

	37°04'35.4"S 149°54'23.4"E
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Buoy (mooring)

	37°04'36.0"S 149°54'19.8"E
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Submarine pipeline between

	37°04'34.8"S 149°54'24.0"E
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(5(152)03 Wollongong)

**75261** 6Ed. 5/10/97 LAST NM 6/03

Add	Wreck [K29]	34°50'11"S 150°58'38"E
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(8(263)03 Wollongong)

<b>75263</b>	9Ed. 9/27/97 LAST NM 5/03 Add Depth 12.5 meters (5(153)03 Wollongong)	26/03 33°58'25.8"S 151°11'55.3"E	Add Light Mo(U) 8s 9m 4M Fish haven symbol [K46.1] (17(635, 636), 19(708)03 Tokyo)	34°50'06"N 136°48'40"E 34°15'18"N 136°35'18"E
<b>95120</b>	7Ed. 12/2/95 LAST NM 21/03 Change Visibility (range) of light to 4M (Supersedes 21/03-95120) (17(645)03 Tokyo)	26/03 32°37'26"N 128°46'21"E	<b>97183</b> 9Ed. 3/21/98 LAST NM 22/03 Add Light Mo(U) 8s 9m 4M (See 16/03-97183) (17(635)03 Tokyo)	26/03 34°50'06"N 136°48'40"E
<b>95267</b>	5Ed. 8/18/84 LAST NM 23/03 Change Light to Fl(2) G 6s 12m 5M Visibility (range) of light to 4M Visibility (range) of light to 3M (17(629, 630)03 Tokyo)	26/03 37°08'23"N 136°42'13"E 37°08'00"N 136°41'29"E 37°09'50"N 136°40'39"E	<b>97200</b> 9Ed. 8/26/95 LAST NM 25/03 Change Visibility (range) of light to 5M (17(639)03 Tokyo)	26/03 33°52'35"N 134°40'22"E
<b>95270</b>	4Ed. 11/9/91 LAST NM 23/03 Change Light to Fl G 4s 3M Light (Iso R) to Fl(2) R 5s 5M Light (Iso R) to Fl(2) R 3M (17(631-633)03 Tokyo)	26/03 37°09.9"N 137°02.2"E 37°09.0"N 137°03.3"E 36°53.5"N 137°00.8"E	<b>97221</b> 20Ed. 1/17/98 LAST NM 25/03 Add Fish haven symbol [K46.1] (16(597)03 Tokyo)	26/03 34°11'24"N 134°45'18"E
<b>95271</b>	4Ed. 2/7/98 LAST NM 20/03 Change Light to Fl(2) R 5s 7m 3M (17(633)03 Tokyo)	26/03 36°53'42.0"N 137°00'36.0"E	<b>97261</b> 15Ed. 1/31/98 LAST NM 21/03 Change Visibility (range) of light to 9M (17(641)03 Tokyo)	26/03 34°10'31"N 132°47'59"E
<b>95280</b>	9Ed. 7/28/84 LAST NM 20/03 Change Light (F Fl G) to Fl(2) G 6s 10m 5M (Supersedes 48/02, 8/03-95280) (17(628)03 Tokyo)	26/03 35°53'59"N 136°00'00"E	<b>97262</b> 10Ed. 1/24/98 LAST NM 21/03 Change Visibility (range) of light to 9M (17(641)03 Tokyo)	26/03 34°10'31.0"N 132°47'59.0"E
<b>95320</b>	15Ed. 6/28/97 LAST NM 21/03 Substitute Depth 48 meters Rk for 50 meters Rk (19(701)03 Tokyo)	26/03 34°27'38"N 131°17'05"E	<b>97266</b> 5Ed. 7/5/97 LAST NM 18/03 Change Visibility (range) of light to 9M (17(641)03 Tokyo)	26/03 34°10'31"N 132°47'59"E
<b>97060</b>	8Ed. 9/6/97 LAST NM 22/03 Add Fish haven symbol [K46.1] (18(676)03 Tokyo)	26/03 38°18'02"N 141°24'09"E	<b>97267</b> 16Ed. 2/21/98 LAST NM 18/03 Add Fish haven symbol [K46.1] (19(711)03 Tokyo)	26/03 33°50'44"N 132°22'13"E
<b>97062</b>	12Ed. 12/6/97 LAST NM 22/03 Add Fish haven symbol [K46.1] Fish haven symbol [K46.1] Fish haven symbol [K46.1] (18(676)03 Tokyo)	26/03 38°18'09.0"N 141°24'10.0"E 38°18'02.0"N 141°24'00.0"E 38°18'02.0"N 141°24'09.0"E	<b>97271</b> 12Ed. 11/29/97 LAST NM 12/03 Add Fish haven symbol [K46.1] (19(711)03 Tokyo)	26/03 33°50'44"N 132°22'13"E
<b>97080</b>	5Ed. 10/5/91 LAST NM 22/03 Add Fish haven symbol [K46.1] (18(676)03 Tokyo)	26/03 38°17'51"N 141°24'21"E	<b>97300</b> 6Ed. 12/13/97 LAST NM 25/03 Add Danger circle "wave meter" centered Submarine cable [L30.1] joining (18(678)03 Tokyo)	26/03 33°26.4'N 133°31.3'E 33°26.4'N 133°31.3'E 33°28.0'N 133°30.9'E 33°28.3'N 133°30.5'E
<b>97100</b>	4Ed. 8/8/98 LAST NM 17/03 Substitute Depth 5 meters for 7.6 meters Change Visibility (range) of light to 13M (17(652), 18(689)03 Tokyo)	26/03 36°29'24"N 140°38'02"E 35°57'14"N 140°41'26"E	<b>97392</b> 5Ed. 2/15/97 LAST NM 23/03 Change Visibility (range) of light to 4M (Supersedes 21/03-97392) (17(645)03 Tokyo)	26/03 32°37'26"N 128°46'21"E
<b>97101</b>	1Ed. 8/17/85 LAST NM 25/03 Change Visibility (range) of light to 13M (17(652)03 Tokyo)	26/03 35°57'02"N 140°41'38"E	<b>97397</b> 7Ed. 8/29/92 LAST NM 16/03 Add Double solid line with land tint (bridge) [D22] and legend "(10)" between (19(712)03 Tokyo)	26/03 33°03'56"N 129°40'22"E 33°03'50"N 129°40'16"E
<b>97108</b>	3Ed. 4/27/85 LAST NM 25/03 Change Visibility (range) of light to 13M (17(652)03 Tokyo)	26/03 35°57'02.0"N 140°41'38.0"E	<b>97421</b> 13Ed. 3/30/96 LAST NM 20/03 Delete Buoy Buoy Buoy Buoy Buoy (See 19/01-97421)	26/03 33°39'05.0"N 130°23'51.7"E 33°39'00.0"N 130°23'34.0"E 33°38'43.0"N 130°22'33.0"E 33°38'20.8"N 130°21'39.0"E 33°38'37.0"N 130°22'36.5"E
<b>97143</b>	11Ed. 9/25/93 LAST NM 25/03 Add Color G to beacon Color G to beacon (17(652)03 Tokyo)	26/03 35°19'13"N 139°48'56"E 35°19'00"N 139°48'57"E	Add Buoy R, pillar, (R Lt) Buoy R, pillar, (R Lt) (17(643)03 Tokyo)	26/03 33°39'02.2"N 130°24'03.3"E 33°38'55.6"N 130°23'44.8"E
<b>97180</b>	6Ed. 7/19/97 LAST NM 22/03 Add Light Mo(U) 8s 9m 4M (17(635)03 Tokyo)	26/03 34°50'06"N 136°48'40"E	<b>97423</b> 2Ed. 5/25/96 LAST NM 20/03 Delete Buoy Buoy Buoy Buoy Buoy (See 19/01-97423)	26/03 33°39'05.0"N 130°23'51.7"E 33°39'00.0"N 130°23'34.0"E 33°38'43.0"N 130°22'33.0"E 33°38'20.8"N 130°21'39.0"E 33°38'37.0"N 130°22'36.5"E
<b>97181</b>	20Ed. 3/26/94 LAST NM 23/03 Change Visibility (range) of beacon to 3M	26/03 34°16'37"N 136°48'48"E		(continued on next page)

## SECTION I

NM 26/03

**97423** (Continued)  
Add Buoy R, pillar, (R Lt) 33°39'02.2"N 130°24'03.3"E  
Buoy R, pillar, (R Lt) 33°38'55.6"N 130°23'44.8"E  
(17(643)03 Tokyo)

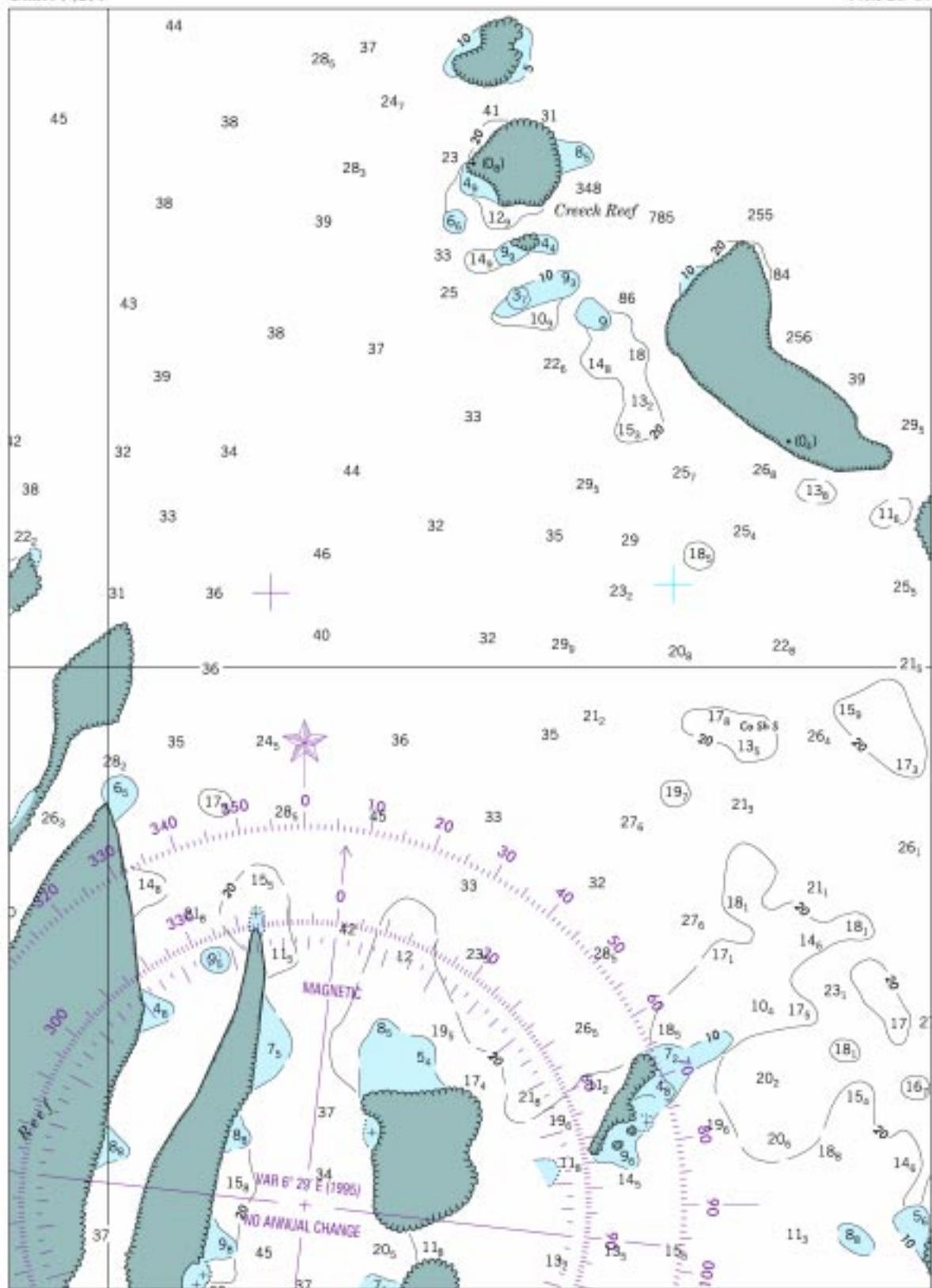
**97461** 9Ed. 12/28/96 LAST NM 23/03 26/03  
Add Danger circle "wave meter" centered 26°29'39"N 127°49'58"E  
(18(682)03 Tokyo)

## SECTION I

NM 26/03

Chart 74271

NM 26/03



## SECTION I

NM 26/03

Chart 11378 (Side A)

NM 26/03

CAUCUS CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (AUT. MILES) DEPTH (FEET) MLLW
CAUCUS CHANNEL	41.3	42.3	41.3	11-02	A500 3.0 A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.					
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

Chart 11382

NM 26/03

CAUCUS CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (AUT. MILES) DEPTH (FEET) MLLW
CAUCUS CHANNEL	41.3	42.3	41.3	11-02	A500 3.0 A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.					
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

Chart 11383

NM 26/03

CAUCUS CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (AUT. MILES) DEPTH (FEET) MLLW
CAUCUS CHANNEL	41.3	42.3	41.3	11-02	A500 3.0 A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.					
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

Chart 11384

NM 26/03

CAUCUS CHANNEL					
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOV 2002					
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)				PROJECT DIMENSIONS	
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (AUT. MILES) DEPTH (FEET) MLLW
CAUCUS CHANNEL	41.3	42.3	41.3	11-02	A500 3.0 A35
A. PROJECT DIMENSIONS OF 44 FEET FOR A WIDTH OF 800 FEET PROVIDED BY THE U.S. NAVY. AUTHORIZED PROJECT IS 35 FEET FOR A WIDTH OF 500 FEET.					
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION					

## SECTION I

NM 26/03

Chart 11537

NM 26/03

CAPE FEAR RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
BALDHEAD SHOAL	36.2	38.3	38.4	32.0	6-11-02	500 5.0 40
SMITH ISLAND	42.9	43.4	44.0	43.6	2-03	500 1.0 40
BALDHEAD CASWELL CHANNEL	44.1	45.6	44.9	44.8	11-02	500 0.4 40
SOUTHPORT CHANNEL	45.2	43.0	43.8	40.1	2-03	500 1.0 40
BATTERY ISLAND CHANNEL	40.0	45.3	43.0	29.0	11-02	500 0.5 40
LOWER SWASH	41.3	41.9	42.8	41.8	2-03	400 1.6 38
SNOWS MARSH	41.9	41.3	41.5	38.8	3-03	400 3.1 38
HORSESHOE SHOAL	40.1	41.5	41.0	40.0	2-03	400 1.2 38
REAVES POINT	37.0	38.1	37.6	37.1	1-03	400 1.2 38
LOWER MIDNIGHT	35.7	38.0	39.0	36.5	12-02	400 1.6 38
UPPER MIDNIGHT	36.5	37.6	37.3	34.9	12-02	400 2.7 38
LOWER LILLIPUT	37.9	38.1	38.1	36.3	12-02;1-03	400 1.9 38
UPPER LILLIPUT	36.9	36.7	37.7	37.0	12-02;3-03	400 1.9 38
KEG ISLAND	38.2	39.2	38.8	35.8	12-02	400 1.4 38
BIG ISLAND LOWER	37.1	43.9	43.8	39.1	1-03	400 0.8 38
BIG ISLAND UPPER	39.0	42.1	42.6	32.4	8-02;4-03	400 0.5 38
LOWER BRUNSWICK	41.6	43.1	42.5	37.0	4-03	400 1.6 38
UPPER BRUNSWICK	41.8	43.4	45.2	43.0	4-03	400 1.0 38
FOURTH EAST JETTY	36.7	38.6	39.0	36.5	4-02	400 1.2 38
BETWEEN CHANNEL	35.1	38.7	39.4	36.1	4-03	550 0.8 38
ANCHORAGE BASIN & APP CHANNEL	33.0	36.0	36.3	36.5	2-03	450-1090 1.3 38
HWY 74-76 TO BATTLESHIP	26.7	33.7	35.5	28.3	11-02	400 0.6 32
BATTLESHIP TO HWY 117 INCLUDING TURNING BASIN	9.0	29.4	31.4	18.6	11-02	190-650 - 32
HWY 117 TO HILTON BR	27.7	27.9	31.2	30.8	11-02	200-400 0.5 32
THENCE TO END OF PROJECT AT 34°16'36"N, 77°57'01"W	22.9	22.6A	20.8B	17.5C	11-02	200 1.2 25
TURNING BASIN	20.9	21.1	17.2	12.8	11-02	500 0.1 25
A. EXCEPT FOR SHOALING TO 17.3 FEET FOR THE LAST 150 FEET OF THE PROJECT.						
B. EXCEPT FOR SHOALING TO 10.1 FEET FOR THE LAST 150 FEET OF THE PROJECT.						
C. EXCEPT FOR SHOALING TO 10.7 FEET FOR THE LAST 250 FEET OF THE PROJECT.						
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

Chart 12304

NM 26/03

DELAWARE RIVER CHANNEL DEPTHS						
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF SEP 2002 AND SURVEYS TO FEB 2003						
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET) LENGTH (NAUT. MILES) DEPTH MLLW (FEET)
BRANDYWINE RANGE	41.7	41.0	39.9	40.9	7-02;2-03	1000 10.94 40
MIAH MAULL RANGE	41.1	41.3	41.0	39.8	7-02	1000 7.02 40
CROSS LEDGE RANGE	41.7	43.0	44.1	44.1	7-02	1000 3.39 40
LISTON RANGE (BELOW SHIP JOHN LIGHT)	41.5	40.7	41.4	41.0	6-02	1000 5.57 40
LISTON RANGE (ABOVE SHIP JOHN LIGHT)	40.7	40.8	40.9	38.4	6-02	1000-800 12.42 40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION						

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 26/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11308	22	3*,7,10,23,25/03	11368	22	38/02*,19,21,23/03	11472	31	8*,25/03
20	3	18/03	11309	36	21,26,28,36,46/02;1,6,7, 22,24,25/03	11369	44	9*,18,19,21/03	11474	10	16/02;6,17/03
22	1	18/03	11310	1	N21,N46/02;N22,N23/03	11370	23	17,31,33,40,51/02;9,21, 23,24,26/03	11475	16	16,27,51/02;13/03
50	5	17/02	11311	23	15*,21,46/02;26/03	11371	35	7,24/03	11476	19	16/02;6/03
52	1	18/02	11312	3	21,26,28,36,46/02;1,6,7, 22,23/03	11372	30	2*,7,8,10,19,23,24/03	11477	6	N16/02
70	4	7/03	11313	22	31/02,22/03	11373	42	31*,33,37,40,41,42,45, 49/02;7,9,19,20,21,23,24, 25/03	11478	19	15,16,31,49/02;6,19/03
71	4	7/03	11314	22	17*,21,22/03	11374	31	45*,49,50/02;1,2,7,8,9, 19,20,23,24/03	11479	4	N15,N24,N27,N28,N29, N35,N50/02;N6,N23, N25/03
72	4	7/03	11315	30	37/02*	11375	35	1*,2,5,7,9,20,23,24/03	11480	37	32,35/02;1,17,19/03
101	3	48/02	11316	39	17*,22,26/03	11376	48	15,16,21,22,23,25,27,29, 31,40,43,50/02;2,7,19,20, 21,22,23,24,25/03	11481	4	42*,49/02;6,12,13,19/03
103	5	16/03	11317	29	20*,21,25,37,40,49/02; 16,19,20,21,23,26/03	11377	4	26*,40,50/02;2,20,21,22, 23,24,25/03	11484	21	15,16/02
108	9	32,35/02	11318	1	N21,N49/02;N6, N24,N25/03	11378	32	11*,12,18,20,21,22,24, 26/03	11485	33	22/03*
124	10	18/03	11319	31	17*,19,20,25,26/03	11379	39	46/02*,9,25,26/03	11488	24	7,17/03
125	7	21/03	11320	1	N28/02;N22,N23,N24/03	11380	49	19*,22,27,30,32/02;9,18, 26/03	11489	34	8*,12,20,22/03
126	39	21/03	11321	29	22,28,39,40,41,45/02; 23/03	11384	32	18,22,30,32/02;9,26/03	11491	33	18,22,28,29,30,34,37, 38/02;12/03
301	1	14,21,24/03	11322	28	19*,20,23,03	11385	25	23/02*	11493	9	N24,N39/02;N12,N20, N22/03
302	1	2/03	11323	59	26*,28,33,37,39,45/02;1, 6,7,9,20,23/03	11388	16	17/02;24/03	11494	8	N24,N39/02;N22/03
400	3	23,26,31,32,33,35,45/02	11324	32	22*,24,25,31,33,37/02;1, 6,7,9,10,16,20,21,23, 25/03	11389	32	18,23,28,33,37/02;2,7/03	11495	16	19/02*
401	5	22,23,26,31,33,35,45/02; 14/03	11325	35	26/03*	11390	22	23*,27,33,34,37/02;7, 21/03	11496	9	N32,N35/02;N1,N17, N19/03
411	49	19*,22,23,24,25,26/03	11326	31	7*,9,16,20,21,22,23, 24/03	11391	22	18,23,33,34/02;7,21/03	11498	16	19/02*
500	7	21/03	11327	30	16,21,22,24,28,37,49/02; 1,16,19,20,22,24/03	11392	6	34/02;21/03	11502	28	14,17,20,22/03
501	12	9*,10,18,21,22,24/03	11328	22	21,36,37,39,47,49/02;4,6, 16,20,21,22/03	11393	20	18/02	11503	39	38*,39,43/02;12,14,17, 20,22/03
502	2	52/02	11329	34	21,24,36,37,39,47,49/02; 1,4,8,10,16,21,22/03	11400	21	15,23,50/02;9,19/03	11504	15	12,22/03
507	2	45/02	11330	14	2*,4,6,7,8,17,19,20,21, 22,23/03	11404	21	31/02*,9,19/03	11505	1	16,18,26,28,31,34,40, 49/02;1,4,5,11,22/03
508	2	15,24,45/02	11331	18	17,23/02;8,19,23/03	11406	11	9/03	11506	40	10*,19,22/03
513	6	17,38/02	11332	28	42*,43,49,51/02;6,17,19, 20,23,25/03	11407	18	15/02*	11507	31	9*,12,20/03
520	127	20,38/02	11333	1	N28/02	11408	28	3/03*	11508	21	10/03*
521	11	17/02	11334	67	2*,5,6,7,8,9,14,17,18,19, 21,22,23,24,25,26/03	11409	27	4,11/03	11509	27	20/02;1,11,24/03
522	87	18/02	11335	34	21,24,36,37,39,47,49/02; 1,4,8,10,16,21,22/03	11411	14	43*,45/02;7,20/03	11510	18	34/02
523	8	17/02	11336	1	N28/02	11412	41	42*,45/02;1,6,7,11,12,13, 14,20/03	11511	16	11/03
524	12	18,47/02	11337	33	42*,43,47,49/02;4,6,7,8, 19,20,21,22/03	11413	20	18/02	11512	59	10*,11,15,20,22,24/03
525	3	18/02	11338	19	23/02;6,7,20,25/03	11414	5	42*,45/02;1,2,7,14,20/03	11513	23	18,32,49/02;1,24/03
526	10	18,47/02;6/03	11339	40	38*,42,51/02;23/03	11415	5	42*,45/02;1,2,6,11,12,14, 20/03	11514	26	37*,40,49/02;4,5,15,22, 24/03
530	30	29*,26,37,38,40,52/02;6, 10,18,21,22,24/03	11340	67	2*,5,6,7,8,9,14,17,18,19, 21,22,23,24,25,26/03	11416	27	20*,21,22,25/03	11515	29	18,24,37,49/02
531	21	18*,47,52/02;21,24/03	11341	39	14*,17,21,22,23,25/03	11417	18	14/02*	11516	17	32/02;24/03
532	17	17,38/02	11342	51	17,21,23,24,30,37,43, 49/02;4,8,17,20,21,23, 24/03	11418	36	7,20/02;8,19,23/03	11517	33	14*,19/03
540	16	51/02;16/03	11343	36	17,21,23,37,40,49/02;4,8, 17,19,20,23/03	11419	5	42*,45/02;1,2,7,14,20/03	11518	40	31*,39,40,44,46,51/02;4, 6,7,8,19/03
541	2	6/03	11344	35	9*,19,22,23/03	11420	27	20*,21,22,25/03	11519	26	15*,17,32,35/02;9,19, 24/03
550	7	18,24,45/02;6/03	11345	31	9/03*	11421	7	N20,N24,N39,N42/02; N4,N8,N15,N21,N22, N25/03	11520	21	15*,17,32,35,52/02;5,9, 19,24/03
601	4	6,8/03	11346	39	14*,17,21,22,23,25/03	11422	18	14,25/03	11521	26	15*,17,32,35/02;9,19, 24/03
602	6	47/02;6/03	11347	33	42*,43,47,49/02;4,6,7,8, 19,20,21,23,25/03	11423	34	46*,49/02;4,25/03	11522	46	8*,11,12,13,15,17,19,20, 22/03
603	6	47/02;10/03	11348	19	23/02;6,7,20,25/03	11424	35	31/02*	11523	21	15*,17,32,35,52/02;5,9, 19,24/03
604	5	18/02	11349	40	38*,42,51/02;23/03	11425	35	31/02*	11524	6	N17,N19,N23,N39,N40, N44,N46,N51/02;N4,N6, N8,N24/03
605	4	6/03	11350	24	15/02*	11426	35	2/03*	11525	10	20/03*
606	1	17/03	11351	38	20*,22,23,25/03	11427	33	2/03*	11526	16	37/02;20/03
607	1	17/03	11352	36	3*,7,8,9,20,22,24/03	11428	32	52/02*,6/03	11527	21	31/02*,11/03
621	5	22/02	11353	2	21*,24,25,26,35,38,43, 45,49/02;4,5,7,18,20,21, 26/03	11429	21	47/02*	11531	21	31/02*,11/03
622	9	20,47/02;6/03	11354	24	37*,40,51/02;22,25/03	11430	25	17/03*	11532	20	15*,37/02
623	9	47/02;19/03	11355	34	28,29,39,40,42,45,47, 51/02,6,7,19,22/03	11431	32	31/02*	11534	32	17/03*
624	3	22/02	11356	35	36*,37,40,42,51/02;6,9, 19,21,23,24,25/03	11432	33	7,15/03	11535	12	25,46/02
632	8	15,24,45/02	11357	35	36*,37,40,42,51/02;6,9, 19,21,23,24,25/03	11433	30	7,15/03	11536	15	19*,40/02;4,7/03
702	5	7/03	11358	51	23*,24,26,27,31,39,42, 51/02;7,21/03	11434	35	38/02*,20/03	11537	34	21*,23,26/03
703	4	46/02;7/03	11359	11	22*,26,39/02	11435	34	14/02*	11538	18	39,44,51/02;6/03
705	3	46,52/02	11360	40	1*,2,5,6,8,19,23,24,25, 26/03	11436	33	6,7,15/03	11539	33	8*,9,14,22/03
709	2	50/02;19,25/03	11361	70	21*,23,24,25,26/03	11437	30	7,15/03	11540	15	39/02
800	4	17/02	11362	4	N16,N17,N18,N22,N23, N24,N28,N29,N31,N33, N36,N39,N40,N47/02; N2,N5,N6,N9,N19,N23, N24,N25,N26/03	11438	21	31/02*	11541	34	21*,23,26/03
803	1	17/02	11363	38	26*,29,35,38,40,43,49, 51/02;4,5,7,18,19,20,21, 22,24,26/03	11439	25	15/02*,6,7,15,22/03	11542	22	18,29,39/02;8/03
1113A		20*,21,22,25/03	11364	39	3*,7,8,9,18,19,21,23, 25/03	11440	36	30/02;7,15,20/03	11543	37	36/02*,8/03
1114A		23,39/02;4,9,11,12,13/03	11365	24	28/02;7,15,25/03	11441	35	38/02*,20/03	11544	60	45*,47/02;6,8,14,22,23, 24/03
1115A		1*,2,5,6,8,19,23,24,25, 26/03	11366	4	N16,N17,N18,N22,N23, N24,N28,N29,N31,N33, N36,N39,N40,N47/02; N2,N5,N6,N9,N19,N23, N24,N25,N26/03	11442	33	6,7,15/03	11545	35	22*,25,29,30,37,47/02;6, 8,14,22,23/03
1116A		2*,5,6,7,8,9,14,17,18,19, 21,22,23,24,25,26/03	11367	11	21*,23,24,25,26/03	11443	30	7,15/03	11546	38	47/02*
1117A		28*,30,31,37,39,40,41, 42,45,51/02;1,6,7,8,19, 20,21,22,23,25,26/03	11368	17	48*,51/02;5,6,7,8,19,21, 23,24,26/03	11444	16	28/02;7,25/03	11547	28	17/03*
11004	7	15,16,18,22,26,28,31,37, 39,40,42,43,45,47,51/02; 5,6,7,8,9,14,18,21,22,23, 24,25,26/03	11369	14	21*,23,24,25,26/03	11445	16	28/02;7,15,25/03	11548	38	47/02*
11006	30	28*,36,39,40/02;6,19,21, 21,23,24,25/03	11370	4	N16,N17,N18,N22,N23, N24,N28,N29,N31,N33, N36,N39,N40,N47/02; N2,N5,N6,N9,N19,N23, N24,N25,N26/03	11446	16	28/02;7,25/03	11549	28	17/03*
11009	36	19,23,24,32,35,44,51/02;	11371	38	26*,29,35,38,40,43,49, 51/02;4,5,7,18,19,20,21, 22,24,26/03	11447	35	38/02*,22/03	11550	28	8/03*
11013	44	18*,20,35,50/02;6,7,8,9, 13,16,21,22,23,24,25/03	11372	39	3*,4,5,8,9,18,19,21,23, 25/03	11448	36	52/02*,22/03	11551	38	36/02*,7,24/03
11300	38	26*,28,30,31,37,39,40, 41,42,45,51/02;1,6,7,8, 19,20,21,22,23,25,26/03	11373	31	15,24,26,27						

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 26/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	
12216	27	47/02*;19/03	12358	19	46*,49/02;1,7,10/03	13296	25	43/02	14800	9	19,23/02	
12221	73	52/02*;1,4,6,7,18,19, 25/03	12362	16	49/02	13298	10	43,52/02	14803	26	5/03	
12222	44	26/03*	12363	39	18,28,44/02;6,23/03	13301	20	25,33,51/02;23/03	14804	24	20/02*;5/03	
12224	23	8/03*	12364	34	20*,23,25/03	13302	21	20,25,41/02;2,7,9/03	14810	4	19/02	
12225	54	22/02*	12365	26	18/02;6,23/03	13303	12	48/02*;7,9/03	14812	3	19/02	
12226	16	22,30/02;7/03	12366	27	51/02;20/03	13305	28	25,40,41,49/02;2,7,9/03	14813	21	2/03*	
12228	29	43/02*	12367	23	18/02	13307	10	23/03	14816	23	5/03	
12230	59	52/02*;1,7,14,22/03	12368	26	42/02*;24,25/03	13308	11	40/02	14820	19	11/03*	
12231	26	31,35,46/02;7/03	12369	25	31*,44/02	13309	28	42/02*;9/03	14822	31	10/03*	
12233	35	3*,4,5,6,14/03	12370	18	39/02*	13312	21	10/03*	14823	30	1/03*	
12235	29	30,31,47/02;4,6,7,17/03	12371	22	28,47/02;6,13/03	13313	19	21,25,41,49,52/02;6,9/03	14824	25	24/02	
12237	26	27,47/02;17,25/03	12372	31	45*,47,48/02;2,5,6,23, 25/03	13315	11	19*,49/02	14826	27	4/03*	
12238	37	46/02*;1,4,7,19,25/03	12373	14	2/03	13318	18	38*,41,52/02;5,6,21/03	14829	5	21/02	
12241	21	16,34,44/02;7/03	12375	21	22/02	13321	9	20/03*	14830	29	18,23,39,51/02;2/03	
12245	61	14*,15,18,24/03	12377	14	22,25,37/02	13322	9	19/02*	14832	34	52/02*	
12248	39	18*,30,33,40,50/02;4,5,6, 8,15,22/03	12378	14	2,13,23/03	13323	7	5/03	14833	25	20,26/02	
12251	23	35/02;4,6,7,15,26/03	12401	7	31*,47/02;2,13/03	13324	13	41,52/02;2/03	14835	31	39/02	
12252	23	33,34/02;4,7,10,15,17/03	12402	8	31*,33,47/02;13/03	13325	14	2/03	14836	27	42/02*	
12253	42	33,38,42,46,50/02;10, 13/03	13000		N21,N25,N48,N49/02; N21,N26/03	13326	12	41,43/02	14837	27	26/02*;3/03	
12254	43	38*,43,44/02	13003	46	9*,12,18,23/03	13329	2	6/03	14838	3	52/02*	
12255	15	44/02	13006	30	39*,44,48,49,50/02;1,5,9, 17,18,P21,23,26/03	13329	3	19*,36/02	14839	36	9/03*	
12256	13	19*,33,44/02;24/03	13009	30	42*,48,49/02;1,9,18, 23/03	13330	57	21/02	14842	12	18,23,39/02;2,4/03	
12261	28	37*,44/02;7,18,22/03	13200	33	25,37,38/02;7,9,18/03	13332	14	2/03	14843	22	23,39,51/02	
12263	51	38/02*;7,18,20,24,25/03	13201	10	N25,N37,N48/02;N9, N18/03	13334	3	39/02*;9,21/03	14844	31	18/02;4/03	
12264	28	38/02*;7/03	13203	12	37/02	13336	4	9,19,21/03	14845	26	18/02;4/03	
12266	27	30/02;20/03	13205	36	37,42,45,48/02;1,5,23/03	13338	3	19*,36/02	14846	11	18,23,24,39,40/02;2/03	
12268	10	22/02*	13209	23	37/02;23/03	13339	5	2/03	14847	30	24,40/02	
12270	32	9*,18,24,25/03	13211	13	21,23,47/02	13340	6	16/02	14848	56	23,24,31/02;9,17,21, 22/03	
12272	29	26*,27,36,45/02;13, 16/03	13212	35	9*,13/03	13342	5	33,36,39/02;12,22/03	14850	51	21*,23/02;7,21/03	
12273	53	26*,31,36,45,50/02;5,15, 17,19/03	13213	40	14*,25/03	13343	6	41/02*	14852	45	19*,21/03	
12274	33	37*,50/02;5,15,17/03	13214	27	34*,45,48,49/02;5/03	13344	30	33/02	14854	13	24/02;17/03	
12277	31	26*,50/02;8/03	13215	17	45,48/02;1,5/03	13345	58	33/02	14860	35	21,24/02	
12278	72	26*,36,45/02;19,25/03	13216	1	N48/02	13346	10	41/02*	14862	28	26/02*	
12280	3	37*,43,45,46,47,50, 52/02;1,6,7,18/03	13218	38	29,42,45,51/02;5/03	13347	29	41/02*	14863	30	24/02	
12281	49	15/02;12,19,25/03	13221	53	15,29,44,51/02;2,5,7/03	13348	11	6/03	14864	26	24,37/02	
12282	33	31*,44/02;7,8,18,19, 25/03	13223	36	15,52/02;2/03	13349	20	19/02	14865	16	4/03	
12283	24	8,18,25/03	13224	36	44/02;5/03	13350	29	21/02	14867	25	32/02	
12284	15	7/03	13226	5	44/02;6,7/03	13351	2	37/02	14871	2	21/02	
12285	35	11*,14,19,22/03	13227	13	7/03	13352	12	19/02	14872	3	21/02	
12286	29	2*,4,6/03	13228	11	51,52/02	13353	12	19/02	14873	2	35/02	
12288	19	27/02	13229	27	17,39,42,45,52/02;1,7, 19/03	13354	12	19/02	14880	30	33/02;4/03	
12289	48	10*,19,22/03	13230	46	2*,7,19/03	13355	29	31/02	14881	31	28*,33/02	
12300	43	19/03*	13232	4	39,42/02	13356	13	17,23/02	14883	42	17,23/02	
12301	21	N20*,N28,N29,N37, N39,N42,N45/02;N5, N17/03	13233	16	17/02;10/03	13357	38	2/02	14885	20	51/02	
12304	43	21*,26/03	13235	5	17/02	13358	12	19/02	14901	14	52/02*;5/03	
12311	41	15,18,28,31,42,50,52/02; 8,24,26/03	13241	15	21*,34,42/02	13359	17	38/02;16/03	14902	28	24,25,31/02;4/03	
12312	52	10*,15,24/03	13244	39	22*,48/02;7/03	13360	32	40/02;6/03	14903	22	23,32/02	
12313	48	18,21,27,31,33,43,52/02	13246	36	26,27/02;8/03	13361	28	40/02	14904	25	17,31,32,46/02	
12314	30	46*,50/02;5,25/03	13249	12	22/03*	13362	11	40/02;6/03	14905	29	31,35,37/02;5/03	
12316	29	2*,6/03	13253	18	3*,8/03	13363	6	16,34,42/02;1/03	14906	23	5/03	
12317	31	15*,26,37,50/02	13260	38	28*,36,43,48,49,50/02;1, 7,9,18,P21,23,26/03	13364	13	34/02	14907	25	17/02	
12318	41	9/03*	13263	7	N20,N21,N25,N27,N36, N43,N48,N49/02;N1,N7, N9,N18,NP21,N23, N26/03	13365	8	19,34/02	14910	23	17/03*	
12323	23	19,40/02;4/03	13264	103	21,36,49/02;9,P21,26/03	13366	5	21*,34/02	14911	20	4/03	
12324	30	2*,8/03	13267	30	17,19,27,52/02;17,9/03	13367	28	40/02;6/03	14912	16	21/03	
12326	48	17,18,27,28/02;4,8,17, 19/03	13270	59	17,19,33,34,40,43/02;1,2, 7,12/03	13368	11	40/02;6/03	14916	10	45/02*;17/03	
12327	96	1*,2,8,12,13,14,16,18,19, 23/03	13272	47	19,28,40/02;8,25/03	13369	6	16,34,42/02;1/03	14917	23	17/02;3/03	
12331	30	8*,13,14,18/03	13274	24	17,19,27,45,52/02;1,2, 16/03	13370	13	34/02	14918	26	25/02;17/03	
12332	21	15,22,43,46/02;13,18/03	13275	27	17,19,27,45,52/02;1,2,7, 16/03	13371	7	16/02	14919	27	24/02	
12333	32	46*,47/02;5,12,16,18, 23/03	13282	11	21/03*	13372	5	N52/02	14922	19	26*,51/02;9/03	
12334	65	10*,12,16,19/03	13283	18	1,9/03	13373	2	N17,N36/02	14924	27	28*,32/02;5/03	
12335	39	1,8,23/03	13285	10	20/03	13374	36	16,26,33,36/02	14926	9	18,31,32,35,37/02	
12337	22	15,20,28,31,45/02;13,	13278	25	1,9/03	13375	3	36/02	14927	24	21*,31,32,35,37/02	
12338	9	21/03*	13279	30	20/03*	13376	4	33/02	14928	21	4/03*	
12339	43	23/03	13282	11	21/03*	13377	14500	27	52/02*	14929	24	14/03*
12341	25	22/02*;21/03	13283	18	1,9/03	13378	14769	N31/02*	14930	24	45/02	
12343	18	37/02*;7,21/03	13285	10	20/03	13379	14772	17	15/02	14932	25	21/02
12345	10	42/02*;21/03	13286	29	39*,40,50/02;1,9/03	13380	14773	16	15,19/02;26/03	14933	24	27,15/03*
12347	29	25/02	13288	40	15*,20,23,29,36,43,50, 51/02	13381	14774	16	15/03	14934	27	17*,26/03
12348	33	25/02	13290	34	20,36,40,43,50,51/02;7, 16/03	13382	14775	N31/02*	14935	21	17/02	
12350	57	39*,49/02	13291	36	20*,36,40/02;7,16/03	13383	14776	N31/02*	14937	24	52/02*,2,17/03	
12352	29	34/02;17/03	13293	33	26*,29,43,51/02;14/03	13384	14777	N31/02*	14942	25	35/02*	
12354	39	22,28,33,37,45/02;2,6,7, 10,23/03	13295	11	2*,14/03	13385	14778	16	22/02	14963	20	51/02
						13386	14779	N31/02*	14965	21	11/03*	
						13387	14780	17	22/02/02	14966	25	14*,21/03
						13388	14781	16	22/02	14967	22	5/03
						13389	14782	24	21,22/02	14970	25	40,46,51/02
						13390	14783	17	15/02	14972	25	21/02
						13391	14784	16	15/02	14973	27	15/03*
						13392	14785	16	22/02	14974	24	32/02
						13393	14786	17	16/02	14975</		

## SECTION I

NM 26/03

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/02 THROUGH NM 26/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
15570		N23/03	17323	10	13,22/03	18022	33	23,34,37,45/02;6,10,13, 21,25/03	18600	14	15*,33,37,38,40/02
15585		N14/03	17327	20	5/03	18400	43	2*,6,16,18,22/03	18601	13	10/03
15744		N30/02	17330	7	15/02	18403	21	6,20/03	18602	12	26/03*
15880		N41/02	17360	32	44/02;1,6,8,11,12/03	18405	12	43/02;16/03	18603	16	9*,10/03
15954		N47/02*	17379	1	15*,20/02	18406	5	16/03	18620	23	35/02*
16003	16	18/02*:13/03	17382	15	20/03*	18411		N16,N20/03	18622	52	26,28,49/02;21,25/03
16004	11	13,17/03	17383	1	31*,49/02;8/03	18412	10	20/03	18623	11	34/02
16006	33	6/03	17384	7	44/02	18413	15	20,22/03	18626	15	37/02;10/03
16011	35	38/02;8/03	17385	14	14/03*	18414	9	20/03	18640	24	15,24/02;26/03
16012	21	38/02	17400	16	15,36/02;10,12/03	18415			18643	17	26/03*
16013	28	17,22,29,52/02;21/03	17401	10	1/03	18418	8	42/02;7,22/03	18645	24	15,19,50/02
16042	7	39/02*	17402	10	46/02*	18416	6	P44,48/02;22/03	18647	15	2/03*
16061	8	19*,27,37,49/02;13, 17/03	17405	14	12,25/03	18418	6	15/03	18649	62	15,19,20,23,33,36,38, 41/02;4,6,21,26/03
16300	8	52/02;3,8/03	17406	6	25/03	18419	11	47/02;12/03	18650	51	28*,33,38,41/02;4,21, 26/03
16305	9	8/03	17409	10	39/02*	18420	1	22/03	18651	42	15/03*
16322	7	8/03	17413	2	43,50/02;10/03	18421	45	2*,18,20,22/03	18652	31	18,19,20,23,26,27,30,33, 38,41,49/02;4,6,7,12,16, 21,26/03
16363	12	38/02*	17414	3	41/02	18423	33	1*,5,7,9,15,18/03	18653	9	15,19,36,38,41/02;4,6, 21/03
16380	13	17/02	17416	3	10,14/03	18424	25	7/03	18654	42	28*,38,49/02;12,16/03
16381	8	8,25/03	17420	26	36,37,42,43,50/02;1,10, 12,14,20/03	18427	21	35/02*,7,19/03	18655	58	19,49/02;12,16/03
16382	10	17/02	17422	8	52/02*	18428	9	19/02*	18656	53	19*,21/03
16435	5	27/02	17425	6	18/02*	18429	9	3*,22/03	18657	18	19,26,27,30/02;4,21/03
16440	13	37/02	17426	13	37/02;1,16,20/03	18430	7	28/02*,6,7,22/03	18658	29	23,26,27/02;4,21/03
16441	7	37/02	17427	7	16/02;21/03	18431	6	2/03*	18659	14	26,30,49/02;7,16,21/03
16442	6	37/02	17428	7	5/03	18432	5	14/03*	18660	1	30,49/02;7,16/03
16480	10	38/02	17429	2	N38/02*	18433	5	2*,22/03	18661	27	15*,16/03
16500	9	9/03	17430	10	5/03	18434	4	15,26,P44,48/02;6,9/03	18662	20	30/02;7/03
16520	21	2/03	17434	11	5/03	18440	26	3*,15,18,22/03	18663	5	14/03*
16521	5	27/02	17436	6	20/03	18441	42	30*,32,39/02;6,7,9,15, 18/03	18666	1	26/02;21/03
16528	16	9/03	17437	8	16/02;21/03	18443	15	17,39/02;6/03	18668	30	15/02;6,13/03
16529	14	50/02;9/03	17438	12	16,50/02;10,14,15,21/03	18444	15	17,39/02	18669	31	25/02;6,12/03
16530	6	50/02	17441	7	10,15/03	18445	29	15,17,22,28,32,33,39/02; 6,7,9,10,15,18,22,25/03	18670	21	34,36,37/02;4,6,10,13, 21/03
16531	7	18/02*	17443	12	10/03	18446	15	6,7,9,18,19/03	18703	24	36,37/02;4/03
16535	12	2,21/03	17445	2	16/02;10,14/03	18447	26	27,52/02;6,7,10,18/03	18704	12	37/02
16549	14	4,16/03	17446		N10/03	18448	32	15,17,33/02;10,15,22/03	18720	31	23,35/02;4,6,10,12,25/03
16553	3	17/03	17460		N5/03	18449	17	15,17/02;7/03	18721	11	35/02;6,10/03
16556	4	8/03*	17465	4	6,12/03	18450	17	9/03*	18723	3	6/03
16566	10	17/02	17470		N23/03	18451	5	N17,N22,N32,N39/02;	18724	1	22*,25/03
16568	12	39/02*	17471		N15/02;N6/03	18452	16	17/02	18725	26	23,35/02;4,6,12,25/03
16575	1	39/02	17472	4	5,14/03	18453	24	14*,25/03	18740	39	16,20,23,34,37,45,50/02; 5,6,12,25/03
16576	3	42/02;6/03	17480	4	15,43/02;5,10/03	18455	2	N17,N22,N39/02;N15/03	18741	18	N25,N45,N50/02;N12/03
16580	11	39/02	17482		N7,N14/03	18457	9	15/02	18744	30	37/02
16590	10	38/02*	17485	4	16/02	18458	15	19/03*	18746	34	20,23,34/02;5,13/03
16592	9	16/03	17489	19	43/02	18459	5	N17,N22,N32,N39/02;	18749	38	16,18,20,23,25,27,40/02; 5,6,16,21,26/03
16593	11	14/03*	17495	2	43/02	18460	11	2*,6,7/03	18751	42	16,20,25,27,40/02;5,6,16, 21,26/03
16594	13	2/03	17503	4	43/02	18464	23	24/03*	18754	16	36/02
16595	14	2/03	17513		N42,N43/02;N15/03	18465	35	2*,15/03	18757	10	13/03
16596	12	39/02*	17515	7	6,15,16/03	18468	17	7/03	18758	6	35/02*,16/03
16597	8	16,43/02	17517	8	6,15,16/03	18471	8	32/02;7,15/03	18760	6	N16,N23,N34,N35,N45, N50/02;N6,N25/03
16598	9	43/02	17518	7	P44,48/02;16,18,20/03	18473	7	4*,18,19/03	18761	2	N20/02
16599	6	16,43/02	17519	13	16/03	18474	7	45/02*,7,10,15,22,25/03	18762	15	20/02
16603	7	42/02;6/03	17520	2	N6,N16/03	18476	4	17,22,32,39/02;7,9/03	18763	9	20/02
16604	11	22/02*	17521		N15/03	18477	5	7/03	18765	15	18*,25,45,50/02;12/03
16606	11	37/02*,21/03	17522		N15/03	18480	29	2*,6,7/03	18766	7	25,45,50/02;12/03
16608	3	6/03	17523		N15/03	18484	10	28,40/02;15/03	18768	4	N25,N45,N50/02;N12/03
16640	24	21/03	17524		N12,N15/03	18485	15	2*,10/03	18769	2	N20/02
16646	12	8/03	17525		N15/03	18500	28	19*,22,32,39/02;12, 22/03	18772	47	21/03*
16660	28	22,25,29,42/02;6,16/03	17526		N15/03	18502	84	30*,32,39,42,49/02;9, 21/03	18773	38	18,20,23,25,50/02;10,12, 13/03
16662	6	22,29/02	17528		N43/02;N6,N12/03	18504	65	19/03*	18774	10	35/02*,10,16/03
16663	6	22,25,29,42/02;6,16/03	17541	3	43/02	18520	24	33,39/02;22/03	18775	2	N20/02
16665	7	22,25,29,42/02;6,16/03	17542	6	47/02	18521	69	34*,39,49/02;4,10,12,21, 22,24/03	18776	9	20/02
16680	10	6/03	17543	17	41/02	18523	53	15,25,26,33/02;4,12/03	18777	4	16,23/03
16681	10	37/02*	17545	13	43,47/02	18524	33	18*,26,28,31,33/02;4,6, 10,24/03	18778	2	N20/02
16682	15	8*,17,19/03	17546	22	42,43,47/02;24/03	18525	33	15,28,31,33/02;4,9/03	18779	47	21/03*
16683	9	3,6,17/03	17548	28	16/03	18526	55	15,16,28,31,33/02;4, 18/03	18780	38	18,20,23,25,50/02;10,12, 13/03
16700	27	21*,49,52/02;9,16,22/03	17549	6	47/02;15/03	18527	21	16,31/02	18781	10	35/02*,10,16/03
16701	18	21*,52/02;9,22/03	17550	4	15,42,43,P44,45,47,48, 52/02	18528	10	52/02*,18/03	18782	15	20/02
16702	10	38,52/02;1,9,13,22/03	18000	8	45/02;6,10,21/03	18529	10	52/02*	18783	9	20/02
16705	19	49/02;16/03	18002	6	N45/02;N2,N6,N10, N21/03	18530	20	26,31,34/02;9,10/03	18785	15	18*,25,45,50/02;12/03
16707	10	34,37/02;16,20/03	18003	19	22/03*	18532	20	10/03	18786	7	25,51/02
16708	25	37,49/02;16,20/03	18004	2	N34/02;N6,N13,N26/03	18541	8	21/02*	18787	4	16,23/03
16709	22	15*,49/02	18005	4	N20,N34/02;N6,N10, N13,N21,N26/03	18548	5	8/03*	18788	17	45*,51/02;23/03
16711	2	15/02*	18006	3	N6/03	18558	37	19*,39/02	18789	16	25,51/02
16712	1	16/03	18007	31	20,26,33,34,37,38,39,40, 47,52/02;18,22,24,26/03	18561	11	33,39/02;10/03	18790	16	23,27,35,37,51/02;5,16, 23/03
16713	2	49/02	18008	7	N20,N26,N33,N34,N37, N38,N39,N40,N47, N52/02;N18,N22,N24, N26/03	18580	21	26,33,38,39/02	18791	17	45*,51/02;23/03
16741	9	46/02	18009	2	N34/02;N6,N13,N26/03	18581	17	49/02*,4/03	18792	22	27,35/02;5,23/03
16760	10	51/02	18010	20	33,34,37,38,39,40/02;6, 13,26/03	18583	38	31,33,42,49/02;12/03	18793	10	23/02;23/03
16762	9	26/02*	18020	36	20,34,37,45/02;6,10,13, 21,26/03	18584	47	30,39,49/02;4,6/03	18794	7	23/03
17003	4	47,52/02;24/03	18020	36	20,34,37,45/02;6,10,13, 21,26/03	18587	68	25,30,33,39,42/02;4,6,9, 10,21/03	18795	1	N25,N35,N49,N51/02; N5,N13/03
17005	10	41,45,47,52/02;24/03	18020	37	22/03*	18588					

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 26/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
19347	17	25/02	22130	2	44/02;14,17/03	22521	3	12,17/03	24320	4	27,28,34,43/02;6,17/03
19350	11	27/02	22138	2	18,41,44,48/02;6/03	22523	3	12,17/03	24321	3	6/03
19351	9	25/02	22140	2	30,34,36,44/02;25/03	22529	3	12,17/03	24322	6	28,34/02;6,17/03
19357	22	42*,49,51/02;5,13/03	22142	2	39,41,43/02;25/03	22531	2	12,17/03	24350	2	31,51/02;18/03
19358	20	28/02*	22143	4	26/03*	23000	5	18/02	24355	2	51/02;25/03
19359	10	12,16/03	22145	2	N41/02;N25/03	23010	4	27,38/02	24360	1	25/03
19360	1	N37,N51/02	22160	2	30,34,39,41,48,52/02;	23020	4	22/03	24370	1	34/02
19362	12	49/02			25/03	23023	4	27/02	24375	2	34/02
19366	36	31,49/02;5/03	22170	3	30,39/02;6/03	23030	6	27,38/02;21,22/03	24380	2	35/02
19367	37	22,31,49/02;10/03	22172	8	48/02*;4,6/03	23115	3	27/02	24388	2	35/02
19369	5	22,31,49/02;10/03	22173	36	48/02*;6,17/03	23121	7	30/02;17,20/03	24404	8	21,26,35,44,48/02
19379	1	N25,N51/02;N5,N13/03	22180	2	30,34/02	23122	8	23,30,33/02	24405	10	26,35,36,44,48/02
19380	14	25,51/02;5,13/03	22181	16	17,27,39,41/02	23123	3	30/02	24406	30	20,26/02;2/03
19381	8	25,49,51/02;26/03	22182	6	30,34/02;14/03	23124	3	N30/02;N17,N20/03	24408	21	36,44,48/02
19382	15	26/03	22183	3	20/02	23125	4	30/02;17/03	24410	2	21,44/02
19383	17	49/02;5/03	22190	2	30/02	23126	6	N24/02*	24430	5	39/02;8,11/03
19385	7	20/02*	22205	2	16/02;12,18/03	23127	4	N24/02*	24431	14	39/02
19387	9	N25/02	22221	20	20/02	23128	4	N24/02*	24434	4	39/02
19401	8	10/03*	22222	1	4/03	23129	2	N24/02*	24450	3	26/03
19402	6	9/03*	22225	2	12,18/03	23131	7	26,31/02;12,22/03	24452	7	16,26/02
19421	7	8/03*	22233	29	13,18,25/03	23141	7	34/02;22/03	24453	5	26/03
19442	5	14*,26/03	22250	2	42/02;12,18/03	23142	10	8/03	24454	5	5,26/03
19461	7	10/03*	22251	11	12/03	23150	10	20,37,52/02	24460	4	15,17,39,47/02;15/03
19483	6	11/03*	22259	4	20/02;20,24/03	23151	3	12/03	24461	4	16/03
21005	5	45/02;2/03	22263	1	26/03	23152	3	37/02;12/03	24462	5	15,47/02;16/03
21008	62	39,42,43,50/02;1,2/03	22264	2	20,42/02;13,18,20,24,	23153	8	20,31/02;12,13/03	24463	6	24,39/02;12,15,25,26/03
21011	5	2/03			26/03	24000	39	27,29/02	24465	6	15,23,33,47/02
21014	72	42,50,52/02;2,3,4/03	22275	3	20,42/02;12,18,26/03	24004	36	29,30/02	24469	1	20,46,47/02;13/03
21017	50	23,41,50/02;4,5,6,9/03	22281	9	12,18/03	24016	53	30,39/02	24470	4	28,39,47/02
21020	42	23,41/02;5,6,7/03	22282	17	19/02;12/03	24020	47	27/02	24471	8	28,47/02
21021	3	45/02;13/03	22283	3	N19/02;N12/03	24024	46	18,25/03	24480	1	17,25,27,41,44,45,49/02;
21023	41	34/02;7,8,9/03	22284	7	N10/03	24028	6	23,48/02			24/03
21033	46	20,32/02;1,16/03	22290	4	20/02;18/03	24050	11	27,31,34,38,49/02;20/03	24482	2	24,49/02
21036	7	1,16/03	22293	15	20/02;18,26/03	24052	15	31,37,38/02;14,19,21/03	24483	2	20,24,49/02
21120	27	47,50,51,52/02	22294	15	12/03	24053	16	24/02;19/03	24484	3	24,49/02
21121	18	47/02	22305	2	18,24/03	24055	6	37,49/02;14,19,21/03	24490	3	24,31/02;25/03
21122	5	47/02	22311	19	8/03	24057	4	31,38,49/02;20/03	24491	3	31/02
21125	13	51,52/02	22312	2	13/03	24058	2	31,32,37,38/02;19,22/03	24492	20	31,46/02
21126	1	50/02	22313	2	44/02;8,18/03	24060	2	34/02;17/03	24501	3	17,27/02
21140	1	45,50/02;12/03	22314	1	44/02	24080	5	29/02;17/03	24502	6	46/02
21141	23	48/02	22331	2	N10,N19,N24/03	24091	6	26/02;6,21/03	24504	7	17,41,45,46/02
21160	1	45/02	22335	4	19/03	24092	14	26/02;6/03	24508	3	22/03*
21161	19	43,48/02	22341	9	19,43/02;11,21/03	24100	5	27,29/02	24509	2	17,45,50/02;15,25/03
21180	1	2,7/03	22342	9	19/02;21/03	24101	3	37,41/02	24510	2	17,18,19,41,45,46,50/02
21182	34	39/02	22343	1	N19,N43/02;N10,N11,	24102	3	37,41/02	24511	2	24/03
21200	1	2/03			N21/03	24110	3	27,29/02	24512	3	25,29,44,46/02;24,25/03
21301	13	3,12/03	22344	6	N23/03*	24130	14	24,29/02;5/03	24513	18	46/02
21342	28	41,44/02	22345	11	42/02;24/03	24140	18	32/02	24517	2	18,19,46,49/02;25/03
21384	3	23/02;6/03	22347	6	N23/03*	24141	4	5/03	25001	7	17,19/02;15/03
21401	20	7/03	22351	1	N43/02;N12/03	24142	43	5,6/03	25017	5	15,25/03
21441	27	34,44/02	22352	6	12,19,24/03	24149	1	32/02	25018	9	15,25/03
21478	3	9,16/03	22360	2	19/03	24150	27	27,29,30,32/02	25400	1	23,26,35,48/02
21510	1	9,16/03	22361	2	N10/03	24151	4	29,32/02	25480	1	20,42,46/02
21563	3	45/02	22370	2	15,19,26/03	24152	2	30/02	25481	25	26/02
21602	1	28/02	22373	1	N50/02;N10,N24/03	24153	6	30/02	25485	45	23,26/02
21603	9	5/03	22375	6	N19/02;N10,N15,N26/03	24156	2	22/02	25487	2	23,26/02
21605	7	19/02	22377	1	N10,N13/03	24159	1	27/02	25524	43	33/02;1,5,20,24,26/03
21661	12	6/03	22379	1	N50/02;N10/03	24160	21	27,28/02	25525	17	1,5,26/03
22004	38	18,20,23,30,32,33,34,36,39,	22381	1	N19,N43/02	24161	11	27,42/02;7/03	25526	2	19,33/02;24/03
		41,43,52/02;16/03	22395	2	19,42/02;15,19,22,26/03	24162	9	22,27,42/02;6,7/03	25527	31	33/02;24/03
22008	35	18,30,34,36,39,41,43,44,	22401	4	N23/03*	24164	6	27/02	25528	5	21,42/02
		48,52/02;6,14,17/03	22403	1	N45/02	24170	14	5,6/03	25550	2	17,19,24/02;21/03
22012	31	16,30,34/02;6/03	22404	15	46/02	24171	19	5,6/03	25563	50	17,33/02;14,18,21/03
22032	20	19/03	22406	1	N1/03	24172	4	5,6/03	25565	7	33/02
22036	28	18,47/02	22407	1	N4,N11,N18/03	24180	15	8/03	25566	27	17/02;18/03
22050	4	19/02;12,26/03	22408	1	N10,N21/03	24211	7	24/02	25567	16	19/02;21/03
22051	18	28/02	22409	4	N45/02;N10,N17,N22/03	24220	14	27,28/02	25570	3	19,31/02;16/03
22052	6	28,46/02;25/03	22410	32	43,44,46/02;19,23/03	24222	3	27/02	25575	4	31/02
22080	3	20,32/02	22413	1	N45/02;N22/03	24223	33	18/02	25600	47	24/02;25/03
22082	4	17,19/02;13,25/03	22417	1	N10,N25/03	24230	20	18,30/02	25601	34	17,19,20/02
22083	5	19/02	22418	2	24,36,44,46/02;19/03	24233	15	36,43/02	25607	4	24,39/02
22084	4	42/02	22420	2	4,11,15,19/03	24234	3	30/02	25608	21	17/02;16,26/03
22090	2	30,32,43/02;4,17/03	22421	4	N43,N44,N46/02;N11,	24240	5	30,39/02;7/03	25609	5	30/02
22100	3	20,32/02;12/03			N23,N25,N26/03	24250	5	30,39/02;7/03	25613	2	30/02;25/03
22101	19	16,20,32,43/02	22423	3	N11,N25/03	24251	23	24,34,43/02;6/03	25640	40	28/02*;15,25/03
22102	19	17/03	22425	2	44,46/02	24252	5	30,39,43/02;6/03	25641	26	30/02
22109	3	17/03	22427	1	N43,N44,N46,N50/02;	24260	5	34/02	25644	13	20/03*
22111	4	32/02;17/03			N11,N23,N25,N26/03	24270	3	24,27/02;17/03	25645	17	15/02*
22112	3	23,25,30,32,43/02;17/03	22429	14	N24,N46/02;N10,N14,	24271	14	17/03	25646	7	N42/02
22113	8	23,25,30/02;12,17/03			N17,N19/03	24274	2	17/03	25649	18	18,30,35/02;4/03
22114	5	16,32,42,43/02;17/03	22430	6	19/03	24290	3	36,43/02	25650	33	22*,30/02;25/03
22120	3	18,23,30,34,36,39,41,43,	22433	3	39,47/02;11,14/03	24291	4	36/02	25653	13	8/03*
		52/02	22436	2	39/02;10,14/03	24292	4	36/02	25659	9	20/03*
22121	9	17,23,30,34,36,44,52									

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/02 THROUGH NM 26/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
25668	18	15*,16,48/02;13/03	28264	3	35,37/02	36005	2	15,17,24,27,28,34,36,38, 45,46/02;P12,14,17,24, 25/03	37090	8	27,32,45,51/02;1,7,9,14, 16,22/03
25670	41	26,38,48,49/02;4,5,13, 20/03	28265	3	37/02	36010	27	16,19,20,22,24,38/02;5,	37095	3	15,17,18,24,28,32/02;1,7, 9,11,14,15,16,20,22/03
25671	18	21/03*	28281	32	36/02	36015	2	17,24,27,36,46/02	37101	9	15,18,27/02
25673	15	28,42/02	28300	1	23,39,50/02	36040	16	19,30/02;1,15/03	37103	9	15,27,29/02
25675	9	20/03*	28302	16	31,33,39,40/02;12/03	36046	5	38/02	37104	3	41/02
25677	19	21,52/02	28310	2	23,31,33,35,39/02	36060	17	16,19,31,38/02;5,8,20, 21/03	37110	11	15,17,18,19,24,27,28,29, 47/02;20,25/03
25679	10	20/03*	28320	6	33/02	36061	5	46/02;20/03	37112	1	47/02
25681	15	4,22/03	28321	36	29/02	36062	11	40*,46/02	37115	2	15,17,18,19,27,28,29,33, 47/02;7,25/03
25683	17	30,49,52/02;5,20/03	28323	2	27,29/02	36098	6	5/03	37119	2	43/02
25685	9	22/03*	28325	2	27,29/02;5/03	36102	6	13/03	37120	2	15,19,24,27,29,39,42,49, 51/02;4,6,21,23,24,25, 26/03
25687	11	15,35/02	28330	2	27/02	36103	9	13/03	37121	11	15,24,27,29,31/02;25/03
25700	3	15/03	29002	9	18/03	36104	6	13/03	37122	12	48/02;19/03
25720	3	33/02	29015	5	22/02;16/03	36118	3	5/03	37123	9	19,49/02;6,20/03
25800	3	24,36/02	29121	5	32/02	36120	9	16,19,20,22,31,46/02;5,8, 16,23/03	37125	15	15,19,24,42,49/02;6,9, 20/03
25841	9	24,36/02	29122	5	32/02	36122	12	16,19,21/02	37126	8	15,41/02
25848	25	5,13,15/03	29142	3	7/03	36123	25	16,19,21,46/02;11,16/03	37127	11	49/02;4,6,20/03
25849	13	42/02;12/03	35000	26	23,24,47,48/02;14/03	36124	18	16/03	37129	6	39,42,49/02;4,6,20,23, 24/03
26001	4	9/03	35008	21	45,48,50/02;5,25/03	36125	7	4/03	37133	4	44/02
26050	1	34/02;26/03	35009	19	15,40,41,45/02;5,10, 14/03	36137	3	39/02;4/03	37134	5	38/02
26060	1	49/02				36138	4	4/03	37136	6	38,46,50,51/02
26068	11	18/03	35011	2	48/02;1,25/03	36140	12	21,22,24,36,41/02;4, 10/03	37137	6	46,48/02
26081	8	46/02;16/03	35016	17	29/02	36141	7	4/03	37139	8	18,23/02;1/03
26083	14	29/02	35031	3	22/02	36142	6	24/02	37140	33	15,17,19,21,22,24,27,29, 31,35,49,51/02;4,6,16,24, 25/03
26122	30	22/03*	35036	21	17,19,24,30,36/02;10, 15/03	36143	4	18,34/02;5/03	37141	29	20,21,23,36,40,48,51/02; 4,10,18/03
26127	21	49/02;5/03	35040	18	21,45/02;4,8,10,14,21/03	36161	10	20,24,34,44,45,47,50/02;	37145	23	46,50/02;4/03
26128	50	49/02;5/03	35041	8	21,35/02;4/03	36162	10	20,35,45,47,50/02;4, 18/03	37147	15	21,35,36,40/02;1,10,12, 16,17,19,25/03
26129	11	26/02	35042	9	21,27,44/02;4,14/03	36163	13	20,31,34,35,38,44,45,47, 50/02;4,18/03	37148	13	17,21,35,38/02;4,10, 11/03
26142	10	24,33/02	35044	9	38/02	36164	7	34,38,44,46/02;8,15/03	37149	10	44/02
26210	2	24,36/02	35047	5	35/02	36165	6	17,18,20,22,24,28,36, 44/02;10/03	37150	8	16,21,22,31/02;14,19, 26/03
26229	11	17/02	35056	14	18,22,40,41/02;10,14/03	36167	2	24,40/02	37161	14	18,21,22,31,34,43/02;1, 14,19,24/03
26230	12	17/02	35080	16	18,22,40/02	36173	1	40/02	37162	12	15,16,17,26/02;21,26/03
26240	7	23/02;9/03	35081	15	22/03	36180	23	17,20,21,22,36,40,50/02; 4/03	37164	4	15/02;23,26/03
26244	3	9/03	35082	7	22/03	36181	18	17,20,21,22,36,40,50/02; 4/03	37166	2	15,16,17,26/02;14,19,21, 26/03
26245	16	51/02;15/03	35100	14	40,45/02;5/03	36182	6	20,36,40/02	37170	11	38/02;14,19/03
26259	2	51/02	35101	6	41/02	37000	22	23,28,47,48/02;14,23/03	37175	2	5/03
26260	5	24/02	35103	5	41/02	37005	16	17,18,23,41,45,47/02;5, 12,13,15,23/03	37180	20	21,38/02
26261	27	8/03	35120	13	40,45,47/02;5/03	37025	26	38,51/02;1,24,25/03	37182	14	35,47,48/02;24/03
26262	3	8/03	35130	3	48,51/02;5/03	37032	2	1,6,25/03	37183	9	48,51/02;10,24/03
26280	7	23/02	35135	1	5/03	37033	2	47/02	37184	8	48/02;5/03
26282	6	22,23/03	35136	2	48,51/02	37034	15	17,20,27,50/02	37200	15	18/02
26290	1	21/03**	35143	7	34/02	37041	15	17,20,27,50/02	37202	2	18/02;22/03
26295	1	21*,22/03	35144	3	11/03	37042	5	17,41,45/02	37205	2	39/02;22,24/03
26300	7	21/03*	35150	3	48/02	37043	17	17,20,43/02	37221	13	15,16,17,18,20,21,24,25, 27,28,34,36/02;6,10,11, 12,13,14,15,21,23/03
26308	5	21*,22,23/03	35155	3	25/03	37044	16	45/02	37222	13	15,27,28/02;21,22/03
26309	26	17/02;11/03	35159	3	25/02	37045	11	45/02	37223	14	26,42/02;21,26/03
26312	2	21/03	35163	7	25/02	37046	18	21,31,43/02	37224	11	15/02;22,23/03
26316	3	21/03	35176	11	34/02	37050	9	18,26,42,46/02;10,12, 17/03	37226	17	15,16,17,19,20,21,25,28, 30,39/02;8,9,12,14,17,21, 23/03
26320	5	15,24,27,28,29,35/02;7, 12,22,23,25/03	35182	7	34/02	37060	3	17,21,31,46,50/02;9,13, 18/03	37228	14	21,24,27/02;8,14,23/03
26323	4	1/03	35184	3	48/02	37061	15	36,38/02;5/03	37229	15	15,16,17,20/02;8/03
26327	2	N41/02*;N17/03	35186	3	25/03	37063	21	16,21,28,36,50/02	37230	14	16,18,24,25,39/02
26328	2	15/02	35193	3	25/02	37064	8	17/02*	37231	18	15,20,21,25,28,30/02;6,
27005	4	6,8,9,22,23/03	35196	4	35/02	37065	7	19/02*			
27040	5	9/03	35167	3	35/02	37075	3	21,31/02;5,18/03			
27041	4	50/02	35169	2	35/02	37076	5	22/02			
27060	2	22,23/03	35200	7	48,51/02;5,25/03	37079	3	17,24,27,30,33,34,38,40, 42,44,45,46,51/02;1,4,7, 9,14,15,18,20,21,22/03			
27080	4	20/02;15,22/03	35210	3	29/02	37081	23	18,20,21,28,38,43,50/02			
27081	6	49/02	35230	3	29/02	37082	9	28,44,50/02;11/03			
27082	6	18,49,51/02	35236	2	38,50/02	37083	8	20,22/02			
27084	4	13/03	35246	2	38,43/02	37084	9	20,22,38,40,43/02			
27100	2	31/02;8,21/03	35247	4	50/02	37085	8	38,40/02			
27120	4	41,43,44/02	35255	3	46/02	37086	8	38,50/02;4/03			
27142	5	9/03	35276	3	46/02	37087	7	38,40/02			
27160	2	8,13/03	35277	3	38,46/02	37088	9	5/03			
27161	4	8,13/03	35279	3	38,46/02	37089	12	21,28/02;4,13/03			
27163	21	49/02;8/03	35276	3	46/02						
27183	8	1,9/03	35277	3	38,46/02						
27186	8	1,9/03	35279	3	38/02						
28004	1	20,23,45/02;8,9,22/03	35295	3	27/02						
28006	1	8/03	35298	7	27/02						
28050	3	28,34/02;26/03	35299	9	13/03						
28084	4	17/03**	35301	6	17/03						
28110	2	15/02*	35302	7	17/03						
28150	3	8/03	35303	7	40/02;17/03						
28162	29	28/02	35308	5	10/03						
28164	17	28/02	35310	2	22/02						
28190	2	41,43,45,46/02;18/03	35330	2	22,38,41/02						
28196	4	41,43,45,46/02;18/03	35350	2	38,41/02						
28197	4	45/02;18/03	35400	11	30/02						
28202	22	41,44/02	35402	3	38/02						
28210	2	33,35,39,41/02	35420	13	24,30/02						
28220	2	35,39/02	35421	14	31/02						
28221	18	33,37,39/02;5/03	35423	6	31/02						
28223	4	35,39/02	35424	3	30/02						
28260	30	35,37/02									
28263	3	35,37/02									

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 26/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37265	3	18,24/02;1,7,17/03	43164	3	17,48/02;6/03	44082	11	15,16,17,18,21,24,25/02;9/03	44367	2	15,16,18,20,22,25,26,29,35,37,40/02;6/03
37281	15	30/02;1,15,22/03	43180	5	9/03	44083	8	15,21/02;9,11,24,25,26/03	44400	4	48/02;4,6,7,8,9,12,15,17,19,23,24,25/03
37320	16	18,26,27,28,38,44/02;9,10,11,P12,15,17,21,24/03	43182	4	47,52/02	44084	1	6,11,26/03	44401	7	10,12,19,24/03
37325	8	18,34,39,47/02;15,18/03	43223	4	41/02	44085	2	21,25/02	44410	4	4,6,11,12,13,14,15,23,24,26/03
37326	2	34,47,51/02;15,18,21/03	43225	4	17,52/02	44100	7	15,16,17,18,24,25,26,44/02;2,9,11,12,13,22/03	44420	6	36,49/02;8,9,10,11,12,14,17,22,25/03
37328	2	18,42,44/02;11,15,21,24/03	43240	4	50,51/02	44105	2	49/02;5,6,8,24,26/03	44430	2	16,17,28/02;6,10,11,14,19,24,25/03
37330	2	22,24,26,30,32,34,38,40,46/02;9,13,14/03	43242	4	52/02	44120	7	15,16,17,18,21,26,27,28,29,31/02;2,9,10,15,19,20,22,23,24/03	44444	6	31/02;9,12/03
37342	3	17,32/02;2,11,15,21/03	43263	7	44/02	44140	8	16,26,27,28,29,31,50/02;1,6,19,21,23,24,26/03	44461	10	16,17,19,28/02;6,10,24,25,26/03
37343	10	45/02	43265	2	44,52/02	44160	7	46/02;1,4,5,6,11,13,14,15,20,26/03	44462	4	19/02
37344	11	17,32,34/02;21/03	43270	2	44/02	44161	2	29,50/02;1,2,6,10,21/03	44463	9	24/03
37360	15	15,17,27,28,30,32,34,43/02;2,9,10,11,15,17,21,24/03	43280	5	44/02	44162	1	50/02;1,24/03	44465	2	16,17,19,28/02;6,25/03
37362	6	17,31,43,48,51/02;1,2,4,17,22/03	43281	6	20/02*	44163	1	48/02	44481	2	26,28,31/02;24,26/03
37363	8	48/02;4,17/03	43284	4	16,51/02	44164	1	46,48/02;1,11,18,22/03	51007	22	38/02;7/03
37367	1	38,49/02	43285	5	15,16,44/02	44165	1	46/02;1,5,6,11,20,22,24/03	51013	4	38/02;7,21/03
37380	2	15,17,34,40,42,43,44,48,51/02;9,10,17,21/03	43300	5	15,44,47,50/02	44178	2	21/02;2,5,7,10,16,26/03	51017	31	37/02;24/03
37400	10	15,28,34,38,40,41,44,46/02;6,10,20/03	43301	4	15,45,50/02	44179	2	10,16/03	51022	11	37/02
37401	9	28,32,44/02;4,6,13,14,16,22/03	43302	4	44,47,50/02	44180	6	18,20,24,29,34,45,46/02;1,2,5,7,8,9,20,26/03	51061	14	1,7,15,17,19,21,22/03
37402	7	28,32,41,42,44,50/02;4,13,14/03	43304	2	44,47,50/02	44181	5	5,10,13,20,21/03	51062	28	15,17,19,22/03
37403	23	24/02/10/03	43321	6	30,41,47/02	44182	4	21,48,49/02;1,2,15,18/03	51064	2	52/02;1,17/03
37420	1	34,43/02;1,7/03	43323	4	30/02	44183	6	48/02;1,6,8,9,10,19,20,25/03	51081	10	5,6,13,15,17,21,22/03
37421	8	14,21/03	43324	4	30/02	44184	9	21,45,49/02;2,10,13,20,22/03	51082	7	5,7,13,15,17,21,22/03
37423	5	14,21/03	43341	7	41/02;12/03	44185	7	45,49/02;1,2,10/03	51100	7	1,6,7,8,9,14/03
37441	4	15/02	43342	7	26/03	44186	2	21,45,46,48/02;1,2,5,8,9,10,15,16,25/03	51103	10	29*,33,45/02
37445	1	48/02;1/03	43343	1	22/02	44187	2	21/02;5,6,9,13,25/03	51104	1	29*,33,45/02
37446	2	1/03	43375	7	46/02;6,7,10,12,16,18,23/03	44192	1	21,29,46,48/02;1,18,23/03	51120	6	6/03
37461	9	51/02;6,20,25/03	43384	1	48/02;4,5,6,7,10,11,12,13,15,16,17,18,23,25,26/03	44193	1	26/02;1,7,15,18/03	51135	1	22/03
37463	6	1/03	43385	1	27,45,48/02;5,11,13,20,23,24,26/03	44200	9	20,24,29,34,52/02;4,9,12,13,22/03	51142	2	6,13,15,22/03
37481	7	47,48/02;6,7,14/03	44001	2	48,49/02;1,6,7,8,9,11,13,14,20/03	44203	1	20,24,33,48/02;2,5,15,25/03	51143	4	6/03
37501	3	46,47/02;7,8,20/03	44002	8	28,31,48,49/02;6,7,8,9,10,11,12,13,15,16/03	44204	1	48,52/02;2,4,5,7,12,13/03	51144	3	52/02;1,15/03
37505	2	46/02;7/03	44003	7	20,46/02;4,8,9,13,19/03	44205	2	48,52/02;2,5,7,12,15,19,22,26/03	51145	2	42/02;13,22/03
37506	4	45,46,47,51/02;8,20/03	44004	5	28/02;13,16,17,20,23/03	44206	1	46/02;4,5,13,16,17,19,24/03	51146	3	42,52/02;5/03
38030	1	20,21/02	44005	2	48,49/02;1,6,7,8,9,11,13,14,20/03	44207	1	45,17,19,23/03	51150	1	50,51/02;1,13,15,22/03
38460	7	18/02	44006	8	14,20,21,23/03	44208	5	46/02;4,5,13,16,21/03	51154	3	50,51/02;13,15/03
38463	2	N18/02	44007	5	18/02	44211	1	19,21/03	51155	1	50,51/02;1,15,22/03
38480	6	18/02	44008	23	28,44/02;6,10,13,16,17,20,22,23/03	44223	1	6,13,21,24/03	51158	2	6/03
38528	4	N20/03	44009	7	20,46/02;4,8,9,13,19/03	44224	1	49/02;5,20,21,24/03	51159	3	47/02
38580	8	18/03	44010	8	28/02;13,16,17,20,23/03	44240	8	49,50/02;4,7,13,14,15,16,19,21/03	51160	20	48,50,51/02;1,4,5,6,7,14,15,21,22/03
38585	4	18/03	44011	5	16,22/03	44241	1	49,50/02;2,4,5,7,12,13/03	51163	4	4/03
38603	2	17,21/02	44012	5	18/02	44242	2	48,52/02;2,5,7,12,15,19,22,26/03	51164	18	38,45,46,50/02;2,4,8,03
38610	1	20/02	44013	23	28,44/02;6,10,13,16,17,20,22,23/03	44243	2	25/02;5/03	51165	8	25,45,50/02;2,4,8,10,14,16/03
41000	2	15/03	44014	7	48/02;1,9,10,13,16,20,23/03	44244	1	49,50/02;4,5,13,16,17,19,24/03	51166	3	N25,N45/02
41060	3	34/02	44015	7	48/02;1,9,10,13,16,20,23/03	44245	1	49,50/02;4,7,13,14,15,16,19,22/03	51167	6	45,50/02;2,4,8,10,16/03
42003		N23/03**	44016	7	21,44,45,49/02;4,7,9,10,11,17,19,20,25/03	44246	5	46/02;4,5,13,16,21/03	51168	2	45,46,50/02;2,4,8,03
42004	1	N23/03*	44017	5	21,44,45,49/02;4,7,9,10,11,17,19,20,25/03	44247	2	21/02;5/03	51180	5	13,16/03
42160	3	7/03	44018	5	21,44,45,49/02;4,7,9,10,11,17,19,20,25/03	44248	7	29/02;2,5,6,13,21/03	51200	4	14/03
42600	5	14/03	44019	8	44/02;1,6,9,10,11,13,16/03	44249	8	49,50/02;4,7,13,14,15,16,19,22/03	51200	8	33/02;18/03
42620	5	14/03	44020	1	44/02;1,6,9,10,11,13,16/03	44250	6	51/02;16/03			
42740	5	34,41/02;6,25/03	44021	7	21,44,45,49/02;4,7,9,10,11,17,19,20,25/03	44251	2	17,18/03			
42742	3	6,8/03	44022	6	22/03	44252	3	27/02			
42760	5	8,19,24,25/03	44023	10	18/02;22,24/03	44253	2	33/02			
42762	3	N25/03	44024	22	26,44/02;10,12,22,24/03	44254	4	37,50/02;16,18/03			
43000	4	9/03	44025	11	5,12,18,22,25/03	44255	23	5,6,13,15,19/03			
43015	12	9/03	44026	9	18,44,46,50/02;8,14,22,24/03	44256	23	49/02;13,17/03			
43030	24	25,28/02;2,9,10,11,12,13,15,17,22/03	44027	21	18/02;20/03	44257	1	27/02			
43058	3	20/03	44028	1	44,48,50/02;1,11,14,22,25,26/03	44258	1	27,41,47/02			
43059	3	44/02;20/03	44029	5	20,29,41,42/02;7/03	44259	2	21,41,42/02;4,6,9,10,12,26/03			
43060	4	44/02	44030	1	27,41,47/02	44260	12	20/03			
43079	2	41/02	44031	21	18,21,02/24/03	44261	10	20/03			
43082	5	41/02	44032	21	21,41,42/02;4,6,9,10,12,26/03	51620	9	20/03			
43101	3	46/02	44033	8	21/02;17/03	51621	9	20/03			
43102	4	46/02	44034	7	15,16,20,25,30,42/02;16,17/03	52031	1	6,21/03			
43104	4	46/02	44035	10	16,20,27,39/02	52039	4	5*,7,8,9,13,14,18,21/03			
43106	6	44/02	44036	22	16,21,25,29/02;16,17/03	52040	17	43,50/02;13,16,18/03			
43127	5	20/03	44037	11	17,18,20,24,26,44/02;10,11,13/03	52042	6	22/03*			
43140	4	17,41,48,52/02;12/03	44038	11	17,18,20,24,26,44/02;10,11,13/03	52043	21	46/02;6,7/03			
43141	5	52/02;12/03	44039	16	16,18,20,21,24,29,31/02;11,13,17,22,23/03	52044	6	36/02			
43142	4	52/02;12/03	44040	4	21/02	52045	8	32/03			
43143	4	12/03	44041	2	21/02	52046	21	50/02;6,7,16,18,21/03			
43144	4	17/02;6,12/03	44042	4	21/02	52047	11	7,8/03			
43145	4	17/02;12/03	44043	2	21/02	52048	3	8/03			
43146	2	48/02	44044	4	16,17,21,29,31,42/02;13,23/03	52051	1	43/02			
43150	2	N17/02	44045	6	21/02	52052	1	43/02			
43160	6	17/02	44046	3	18,25/02;22/03	52054	1	14/03			
43161	2	17,41,44/02	44047	9	15,16,17,20,24,25,39/02;9,13/03	52055	1	14/03			
43163	3	44/02	44048	1	7,8,26/03	52060	16	43,50,51/02;7,12,P20/03			
			44049	1	34,41/02	44366	1	34,41/02			

## SECTION I

NM 26/03

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/02 THROUGH NM 26/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
52061	2	45,48,51/02;7,12,20, P20/03	53164	9	20,37,51/02	54289	8	19/02;1/03	55105	7	18,29,36,41,42/02;14, 15/03
52062	7	7,12,23/03	53165	13	39/02;8/03	54300	12	31/02	55110	2	23,24,29,37/02;6/03
52066	3	50/02;14,16/03	53180	10	33,34,43,51/02;1,3,6,7, 13,15,18,20,21/03	54302	1	31/02;21/03	55120	2	36/02;6,14/03
52080	14	50,51/02;4,7,10,11,12,14, 20,P20/03	53181	4	34/02;1,13,21/03	54318	3	19/02;1,14/03	55127	2	10,14,24/03
52082	3	45,46,48/02;11,12,20, P20/03	53182	4	36/02;15,16/03	54320	4	20,48/02;1,24,25/03	55128	2	26,33,36,38/02;1,4,5,8, 14,26/03
52083	2	45,46,51/02;1,16/03	53183	13	19*,35/02;20/03	54322	7	19,20/02;1/03	55129	7	33,36,37/02;6,15/03
52084	2	45/02;4,10,11,12,14, 18/03	53184	5	32,35/02;1,6,13,18,20/03	54324	8	19/02	55130	2	27,45/02;5,14,19/03
52085	3	50,51/02;4,11,16/03	53200	6	33,36,43/02;5,6,7,15,16, 20/03	54327	4	20,31/02	55131	1	27,36,45/02;6,19,25/03
52086	2	45,50,51/02;1,4,9,11, 14/03	53201	6	51/02;18,21/03	54329	4	5/03	55133	3	5,14/03
52087	1	51/02	53202	6	15,17/03	54332	3	25/03	55139	5	41/02
52088	2	45/02;4,10,11,12,14,18, P20/03	53203	11	5/03	54334	3	5/03	55140	2	1,5,14/03
52092	1	46,51/02;16/03	53204	10	44/02;5/03	54335	3	24/03	55150	2	24,28,29,37/02;15/03
52120	12	32,51/02;6,11,16,18/03	53205	3	5,26/03	54337	3	19,31/02	55160	2	18,24,28,29,42/02
52121	8	45,46/02;1,6,8,11,16, 23/03	53206	6	17/02;5,25/03	54339	8	17,31/02;12/03	55161	1	29/02;17/03
52122	14	45/02;11,14/03	53207	6	36,43,51/02;5,16/03	54340	8	19,48,51/02;3,4,24/03	55170	2	18,29,31,36,41/02
52124	1	51/02	53223	5	29/02	54341	4	23/03	55175	1	24,28/02
52125	1	45,46/02;8,11,16,18/03	53226	3	3*,17,18/03	54343	10	19,48/02;4,5,11,12,13/03	55180	2	33/02;1,15/03
52140	6	48,50/02;3,12,18/03	53242	12	52/02;1,13/03	54344	6	19,48/02;24/03	55190	2	6,20/03
52141	5	48/02	53244	2	1/03	54346	8	19/02;11,12,13/03	55200	2	27/02;8,10,20,25,26/03
52142	2	12,18,23/03	53262	7	22,42/02;21/03	54347	4	51/02	56031	1	1,2,17,21/03
52143	8	18/03	53263	1	37/02;17/03	54350	4	51/02	56041	4	21/03
52144	5	50/02;3,7,8,10,14,16,18, 21,23/03	53264	5	17/03	54351	7	52/02;26/03	56042	6	22/02
52161	14	6,11,14/03	53265	6	19,35,41,46,52/02;15, 16/03	54352	3	52/02;1,3/03	56043	6	22/02
52164	2	14/03	53266	4	1,8,13,17/03	54360	12	15,19,20,52/02;20,21/03	56044	3	22,38/02
52170	3	14,16/03	53268	4	22,42/02;7/03	54362	3	52/02	56060	8	33/02;12,16/03
52172	2	40/02;1/03	53269	5	19/02;17/03	54363	3	15,19,20/02;21/03	56063	1	21/02;16/03
52180	14	21,24,42,43,51/02;1,8,10, 13,15,16/03	53270	3	7,15/03	54364	2	52/02	56064	6	38/02;2,16/03
52200	8	7,17/03	53279	4	31,40,52/02;15,18/03	54365	6	15,19,36/02;11,21/03	56065	3	33,38/02;16/03
53031	2	51/02	53281	8	40/02	54366	3	15/02	56067	3	48/02*,20/03
53031	1	17,18,19,21,22,27,28,30, 39,48/02;5,12,14,24/03	53282	4	33,52/02	54367	3	15/02	56081	19	41/02
53058	2	4/03	53284	4	33,40/02;7,21,24/03	54368	4	20/02	56083	2	31/02
53060	14	15,17,18,19,21,22,27,28, 30,32,51/02;4,5,9,10,12, 14/03	53285	4	35/02;7,15/03	54369	4	15,52/02;20,21/03	56100	13	41,49,50/02;1/03
53061	10	19,28,30,44,47/02;12,16, 17/03	53287	6	20,27,35,42/02;1,5,7,8, 10,15,22/03	54372	2	20/02	56101	6	33/02;1/03
53062	13	1,14,16/03	53290	1	35/02	54380	6	19,26,42/02;3,16,18/03	56102	23	1/03
53063	8	19,28,44,47/02;4/03	53301	4	27/02;22/03	54382	9	26/02;16/03	56103	6	18,30/02;1/03
53064	6	33/02;10,20/03	53302	4	51/02	54386	10	42/02;16,18/03	56104	3	22/03*
53065	2	33/02	53303	6	49,51/02	54387	7	23,42/02;16,18/03	56120	12	1/03
53066	2	33/02;20/03	53304	3	39/02	54389	8	43,52/02	56191	2	18/02
53081	8	15,21,30/02;4,5,11,16/03	53305	4	20/02	54400	8	20,32,43/02;3,16,22/03	56195	3	22/02*
53082	13	40/02	53306	2	21,39/02	54402	4	52/02	57029	9	12/03
53083	8	18,19/02;9,10,21,22/03	53311	3	39/02	54403	4	22,43,52/02;24/03	57035	10	10,12,23/03
53084	6	17,18,24,51/02;14,16/03	53312	3	30/02	54404	4	19/02	57063	5	40,41/02
53085	6	17,24,51/02;14,16/03	53313	4	10/03	54407	4	32,43/02;3,7,16/03	57064	3	41/02
53086	8	20,46,48/02;17/03	53314	4	19/02	54409	2	23,32/02;7,8,12/03	57101	18	41/02
53087	9	48/02;17/03	53315	2	18,19,40/02;15,24/03	54413	3	31/02	57103	2	16/03
53088	7	33/02	53316	3	46/02*;11,15,19/03	54418	4	32,43/02;3,7,16/03	57120	13	43/02
53089	4	21,22,23/03	53317	7	15,16,17,18,41/02;15/03	54419	2	3/03	57140	10	43/02
53090	1	41/02	534151	1	15/02;3/03	54421	6	28,47/02	57141	14	43/02
53093	2	20/02	534161	12	16,17,19/02;10,20,21/03	54422	4	19/02*	57142	6	43/02
53100	16	18,19,21,24,28,33,39,42, 51/02;6,10,13,18,20,21, 24/03	534165	2	33,37/02	54423	5	48/02*;17/03	57160	10	43/02
53101	7	33/02;8,13,16,24/03	534166	3	10/03	54430	1	26,28,37,43/02	57161	4	31/02
53104	2	20,35,42/02;20,24/03	534167	2	17,19/02;20/03	54440	4	30/01/02;17/03	57162	7	43/02
53105	20	37/02;8/03	534169	3	16,37/02;17/03	54441	6	30,42/02;2/03	57164	2	43/02
53106	6	19*,20,24/02;21/03	534180	6	19,41,43,50/02;5/03	54462	5	17/03	57165	1	43/02
53107	16	35/02;6/03	534195	2	5/03	54464	5	17/03	57170	1	43/02
53110	3	29,40/02;10,15,17/03	534200	4	21/02;5,8/03	54480	8	22,30,36,41/02;2,17, 21/03	57200	6	11/03
53111	3	31,44/02*	534222	4	21,43/02;20/03	54481	8	22,30,36/02	57220	4	11/03
53120	14	18,20,21,27,28,39,42/02; 5,6,7,13,17/03	534223	2	21/02;8/03	55001	4	18,29,36,37,42/02;14, 15/03	57260	3	23/03
53122	3	20,29,40/02;7,8,16/03	534224	2	21/02;8/03	55040	4	15,18,23,27,28,31,32,39, 41/02;16,20,21/03	57261	2	23/03
53123	3	7/03	534225	2	50/02	55042	1	18,21,27,28,42/02;17/03	57262	4	23/03
53125	2	46,51/02;13/03	534226	2	50/02	55043	2	21,23,27,28,37,39,42/02	57381	12	52/02;15,16,23/03
53130	1	27,42,47/02;10,13,18/03	534266	2	13/03	55044	2	21,22,23,26,27,30,31,37, 41/02;15,17/03	57400	4	12/03
53133	3	41,46/02;16/03	534279	4	50/02*;2,15/03	55054	2	21,23,27,36,37,39,41/02	57408	2	12,24/03
53135	2	20,51/02;7/03	534280	10	15,20/02;5,15,22/03	55056	7	19,20,36,37/02	57420	3	12/03
53141	5	20,24,34,51,52/02	534281	6	20/02	55058	7	39/02	57460	4	10,12/03
53147	3	36,39,42,51/02;6,7,10,13, 17,20/03	534282	1	51/02	55100	8	29,36,37/02;6/03	57471	3	12,15/03
53149	2	31/02	534283	5	19,20,52/02	55101	4	7,25/03	57472	2	12/03
53160	14	20,51/02;3,6/03	534284	1	51/02;15/03	55102	3	24/02;4,5,15,25/03	57480	8	12,15,23/03
53161	8	51/02;3,8,13,18/03	534286	4	19/02	55103	2	24,29,48/02;1,4,5,7,15,	57482	12	24/03
53162	7	50/02*;15/03	534287	7	5,15/03	55104	2	48/02;4,5,7,14,19/03	57483	11	24/03
			534288	5	1/03	55104	2	48/02;4,5,7,14,19/03	57484	19	15,23,24/03
									57488	6	24/03
									57489	19	15,23,24/03
									57498	6	24/03
									57498	6	24/03
									61000	20	10,15,23/03
									61015	8	17/02
									61018	4	18,24/02
									61021	3	18/02
									61036	8	27/02;7/03
									61040	6	10/03
									61050	4	10,15/03
	</td										

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 26/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;

\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
61080	4	9/03	62302	2	4/03	63055	2	29/02	71251	11	20,35,40/02;1,15,21/03
61090	5	12/03	62310	2	27/02	63060	7	25,28,32/02	71253	10	21,35,40,42/02;5,6,7,13,
61091	5	12,18,24/03	62313	4	17*,27/02	63062	7	18,28,29/02;7,16,18/03			14,16,17,21/03
61092	13	18/03	62330	2	38,40/02	63063	9	27,29/02;20/03	71255	5	6,14,22/03
61100	4	10,12/03	62340	3	38/02	63065	6	18/02	71257	2	15,18,21,23,28/02;5,6,7,
61110	3	28/02;25/03	62343	3	8/03	63070	3	20,27,28,29/02;16/03			12,13,16/03
61111	12	25/03	62350	3	10/03	63080	5	26,27,28,31,48/02	71258	2	15,18,20,21,28,35/02;5,6,
61112	10	17/02	62355	6	8/03	63090	8	25,31/02;15/03			7,13,22/03
61120	4	28/02	62360	5	18,38/02;12/03	63091	4	26,27,32,39,48,52/02;	71259	3	15*,17,19/03
61130	3	28/02	62361	2	N18,N38/02;N12/03		9/03		71261	8	35/02;2,16/03
61140	5	27/02	62366	3	38,40/02;2/03	63100	2	15,44/02	71262	7	6/03
61141	6	38/02	62392	7	18/02	63101	15	17,19/02;15/03	71265	3	46*,49/02;7,13,15,16,
61142	6	38/02;7/03	62393	7	34,37,50/02	63102	19	17,19,26/02;15/03			20/03
61170	5	27/02	62394	10	34,37,50/02	63103	17	17,26,29/02;15,16/03	71271	10	23,25,30,34,52/02;19/03
61180	4	20,27/02	62395	3	25/03*	63110	4	40/02;16/03	71272	10	23,30,34/02;19/03
61190	4	39,41/02	62400	17	23,24,33/02;4,9/03	63111	9	17,25,48/02;9/03	71275	3	23,35/02;2,6,16,19/03
61200	7	17,21/02	62401	9	6,10/03	63120	2	44,48,52/02;8/03	71281	7	51/02
61204	5	13/03	62402	10	10/03*	63121	5	48/02;5,8/03	71285	3	23,25,30,34,52/02;13,
61210	6	17/02	62404	3	6/03	63150	1	15,25,31/02			19/03
61220	5	17/02	62406	2	24,33/02	63200	5	52/02	71295	2	25,26,30,34,39,40,52/02;
61240	7	18/02	62408	7	15/02;10/03	63201	9	40/02			12,19/03
61250	4	18/02	62409	6	7/03	63210	3	45,52/02;16/03	71305	2	31,34,36/02;2,13,23/03
61300	2	7/03	62411	1	52/02	63220	5	26,45,52/02	71311	4	7/03
61310	2	33/02;7/03	62413	11	33/02	63230	6	17*,45/02	71313	8	45/02
61311	5	17,33/02	62417	1	52/02	63231	8	31,45/02	71314	5	6,10/03
61312	3	17,33/02	62419	6	33/02;8/03	63232	3	45/02	71315	2	27,31,34/02
61331	4	7/03	62420	5	33,37,39/02;8/03	63233	15	31/02	71320	1	35/02;5,14/03
61400	2	27/02;7/03	62429	9	17,27,39,43/02	63240	4	19/03	71325	8	5/03
61410	2	7/03	62431	8	26*,27,37/02	63250	6	29,40/02;11/03	71330	13	35/02;5/03
61430	2	7/03	62432	16	13/03*	63271	8	19,52/02;8/03	71331	11	5,7,8/03
61433	1	7/03	62433	12	15,30,31,34,45/02;1/03	63290	7	19,31,32,38/02;10,22/03	71333	2	6,7/03
61434	2	7/03	62434	9	40,46,52/02;8,12,17,18,	63291	9	19,33/02;16/03	71335	2	8/03
61440	2	15/02			21,23/03	63310	5	11/03	71340	11	18,19,22,40,46/02;2,4,5,
61450	2	17,27/02	62437	9	32,46/02;21,23/03	63320	8	30/02			6,7/03
61470	2	15/02	62439	4	1/03	63321	6	30,42/02;9/03	71343	3	7/03
61472	1	15,20/02	62440	8	16/03*	63322	2	30/02;9/03	71348	3	18,35/02;7,23/03
61500	2	17/02	62441	10	16,36/02	63330	9	27,39/02;4/03	71349	2	23/03
61510	2	15/02	62442	6	24/03	63337	15	27,31,39/02;4/03	71350	8	15,18,20/02;5,6,7,14/03
61520	2	15/02	62448	2	23/02	63370	1	20/03	71400	5	14,23/03
61522	1	15/02	62449	4	15/02	63400	1	39/02;8,11/03	71401	1	40,46,51/02;5/03
61538	1	15/02	62451	7	21,23/02	63410	6	39/02;8,9/03	71402	1	18,40,46/02;4,5,6/03
61540	2	15,20/02	62453	4	16/03*	63413	5	39/02	71410	1	39/02;12,23/03
61550	2	17/02	62455	7	17,27,39,43/02	63417	2	39/02	71420	1	38,39/02;3,12,14,23/03
61560	2	15/02;7/03	62456	1	27/02	63420	2	39,45/02;8/03	71430	3	11*,20,23/03
61562	2	6/03	62457	6	11/03*	63424	2	45/02	71440	2	11*,23/03
61581	5	18/02	62459	2	6/03	71005	1	34/02;2,6,12,13,16,23/03	71445	1	7/03
61582	4	18/02	62460	4	24,31,33/02;10/03	71006	5	39/02;23/03	71450	1	22,25/02;7/03
61610	7	28,29/02	62464	2	15*,31,49,50/02;4/03	71009	3	39,46,48/02;1,6,7/03	71455	2	11*,23/03
61611	11	28/02	62480	2	16*,18/03	71012	3	19,33,39,46/02;1/03	71460	1	15,20,25,41/02;23/03
61612	4	28/02	62490	2	16*,17,18,21/03	71015	4	23/03	71465	1	20/02
61650	3	17/02;12/03	62498	4	23,25,27,31/02;4,9/03	71018	10	15,33,35,37/02;7,12,13,	71470	2	15,38/02;14/03
62000	20	18,46/02	62499	4	15*,25,27,31,49,50/02;4,		15,21,25,26/03	72000	8	31,32,35,47,50/02;2,20,	
62001	5	11/03*			9/03	71027	9	15,19,20,22,24,25,34,38,			21,23,24/03
62024	13	38,40/02	62510	3	11*,12/03		45,49/02;2,4,5,14,18,	72007	10	30,36,38,47,51/02;2,5,7,	
62028	15	18/02;10/03	62512	3	N11*,N12/03		23/03				11/03
62032	16	11*,17,21/03	62515	2	26,45/02	71033	31	15,23,37,38,49/02;3,12,	72014	10	46/02;7,19/03
62033	3	N11*,N17,N21/03	62520	6	20/03*		14,15,23/03	72021	8	31,36,38,47,50,51/02;7,	
62046	3	19/03*	62521	4	N20/03*	71036	8	35,44/02;12,14,23,26/03			20,23/03
62050	6	18,44/02	62530	6	20/03*	71040	5	27,34,42/02;7/03	72028	7	15,31,34/02;22/03
62092	7	41/02	62531	4	N20/03*	71042	1	34/02	72035	8	16,31/02;8,21/03
62093	7	16,41,49/02	62540	6	17*,18,21,23,25,26,29,	71043	2	25/02*	72045	2	16/02;8/03
62095	3	11/03*			31,32,34,40,45,48,50,	71044	1	27/02	72050	4	23/03
62100	6	P23/03			52/02;8,12,17,18,21/03	71045	2	23/03	72060	8	32,50/02
62110	9	P23/03	62541	3	N17*,N18,N21,N23,	71058	2	23,36/02	72070	4	32/02;2,9/03
62140	1	34,40/02			N25,N26,N29,N31,N32,	71059	1	23,36/02	72075	2	20/02;9/03
62142	10	24,28/02			N34,N40,N45,N48,N50,	71061	15	23,36/02	72080	7	20,51/02;2,9/03
62143	3	24,28/02			N52/02;N8,N12,N17,	71066	1	39/02;6,7,10,24/03	72085	3	15/03*
62144	3	24/02			N18,N21/03	71071	5	15/02	72094	2	29,38/02;7/03
62170	2	38/02	62550	3	16/03*	71081	3	16/02;21/03	72100	7	29/02;7,19/03
62171	4	38,47/02	62560	4	16*,18/03	71091	4	1,2/03	72103	2	29/02;4,6,7,19/03
62191	15	11*,15/03	62570	4	17*,21,23,25,26,31,32,	71140	6	33,39,46/02;1/03	72105	2	36,38/02;7,11,19/03
62193	17	17*,19,31/02			33,34,36,40,45,48/02;8,	71180	29	33,37/02;7,12,13,15,21,	72107	2	15,27,29/02;7,19/03
62194	8	17*,18,19,31,36/02;4/03			12,17,18/03		23/03		72109	3	42,44/02
62195	7	19/03*	62580	3	23,26,32,33,45/02;12/03	71183	13	32/02	72110	9	15/02
62220	9	21/03*	62590	2	16,28,29,36,40,46,48/02;	71185	24	7,13,15/03	72130	4	46/02
62222	5	19/03*			8,12,17,18,21,23/03	71186	2	7/03	72131	3	11/03
62225	3	17*,37/02;17/03	62591	3	N16,N28,N29,N36,N46,	71210	18	44/02;3,23/03	72161	10	15/02;10/03
62241	10	9/03			N48/02;N8,N12,N17,	71211	4	38/02	72173	2	15/02
62242	11	47/02;9/03			N18,N21,N23/03	71212	1	18,38/02	72181	2	36/02;7,11/03
62250	4	34,38/02	63000	13	27,28,48/02	71223	8	17/02	72190	2	30/02;10/03
62270	4	37,41/02	63005	18	15,25,31/02;16/03	71230	11	23,38/02;6/03	72201		8/03
62271	5	37,41/02;10/03	63010	14	26,29,31,52/02	71241	10	18/02;6,12,16,20/03	72203	2	16/02
62285	2	26/02	63015	11	31,38,40,52/02;9/03	71243	5	15/03*	72211	6	43/02;5,8/03
62290	3	26,37,41/02;10,21, P23/03	63020	15	27,31/02;8,9,11/03	71247	18	20,21/02;5,6,8,14,17,21,	72231	8	31/02;21/03
62292	2	24/02	63050	2							

## SECTION I

NM 26/03

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/02 THROUGH NM 26/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	
73002	4	18,24,30/02;5,11/03	74240	8	15,34,39,42/02;4,5,7,8, 9/03	75035	18	21,24,36,39/02;2,6,26/03	82010	6	17/03	
73004	4	26/02/10/03	74251	8	15,17,23,25,26,31,32,34, 37,42,44,46,51/02;6,9,17, 21/03	75051	6	16/02;5/03	82015	13	22/02	
73006	2	26/02	74252	9	19,47/02;5,7,9/03	75052	2	16/02	82020	7	22/02	
73008	8	16/02;11,13,23/03	74253	6	15,17,19,23,25,27,32, 47/02;8,9,16,20,21/03	75110	2	50/02	82030	8	18/02	
73012	6	11/03*	74261	9	15,25,41,49/02;4,10/03	75120	2	1642/02	82200	2	17/03	
73014	10	48,52/02	74265	2	15,17,18,19,25,31,38,41, 43,47,49/02;7,9,16,21/03	75130	16	16,18,21,27,31,34,41,50, 51/02;5,7,8,16,19,25, 26/03	82210	2	42,48/02	
73016	4	15,44/02	74270	3	18,19,26,31,38/02;7/03	75131	7	18,20,28/02;17/03	82242	1	35,48,50/02	
73020	9	25/02;9,21,22/03	74271	9	19,28,38,46/02;19,26/03	75132	11	31/02;17,19,25/03	82244	5	35,42,48/02;20/03	
73024	3	39/02	74272	7	26,32/02;4,19/03	75143	4	15,20,28,32,33,36,38,42, 50/02	82253	7	35,48,50/02;20/03	
73030	4	20/02;22/03	74273	5	18,19,31,38,41,43/02;7, 19/03	75144	3	20,31,33,36,42,51/02;4, 10,18,25/03	82374	9	22/02	
73032	4	25/02;9,22/03	74281	7	3/03	75150	5	16,50/02;16,19,26/03	82377	2	22/02	
73041	2	18,02;5/03	74283	2	46,49/02	75160	6	22,23,24/02;17,18,19, 25/03	82580	2	19/02	
73191	3	7/03	74285	2	31,34,35,45/02;1,9,16/03	75170	12	38,39/02;8,25/03	82646	2	19,33/02	
73271	7	21/02;13/03	74286	2	15,22,24/02	75171	22	17,18,22,27,31,32,33,36, 38,40,42,48,52/02;1,6,16, 26/03	82649	5	18,20,33/02	
73552	4	25,34,45/02;1,7,9,10/03	74287	2	27,34,38,52/02;9/03	75172	5	39/02	82683	4	18,33/02;17/03	
73570	7	34,45/02;1,10/03	74289	5	18,26/02;9/03	75173	9	17,20,25,31,32,33,36/02; 1,6,20,26/03	82684	3	18,33,38/02;7/03	
73580	4	52/02	74290	11	25,34,39,45,46,48,49, 51/02;1,7,9,10,16/03	75175	9	16,18,31,33,38,40,45, 50/02;6,18,03	82689	3	18,38/02;17/03	
73581	4	16,52/02;3/03	74292	8	27,34,38/02;9/03	75176	7	17,21,42,50/02;25,26/03	82690	10	18,19,20/02	
73590	6	16,31,47,52/02	74293	7	25,34,45,48/02;9,16/03	75177	7	18,27,38,48,50,52/02;6, 26/03	82694	6	38/02;17/03	
73601	3	15,17,24,26,31,34,35, 47/02	74294	3	25,34,45/02	75178	2	22,23,24/02;7/03	82697	6	38,46/02	
73610	4	26,31/02	74295	3	18,22/02;4,9/03	75179	6	22,25,37,38,43,47/02;8, 19/03	83010	6	6/03	
73631	4	36,46/02;1,17/03	74296	4	27,34,38,49/02;9/03	75180	2	8,25/03	83020	8	24/03	
73640	5	23,36/02;16/03	74297	3	35/02;8,18/03	75185	2	22,47/02;8/03	83021	1	25,27,43/02	
74000	6	24,36,47/02;2,7,18/03	74298	3	15/02	75190	2	23,47/02;25/03	83023	4	25,27,43/02	
74002	2	18,25,27,28,35,47/02	74299	7	25,34,45,48/02;9,16/03	75191	6	22,25,37,38,43,47/02;8, 19/03	83025	1	12/03	
74003	5	22,25,28,47/02;7,10/03	74300	3	25,34,45/02	75193	6	22,49/02;1,5,7,10,16, 19/03	83026	32	18,41/02;6/03	
74004	2	18,35,37,39,47/02;9/03	74301	3	18,22/02;4,9/03	75207	2	36,52/02;4,16/03	83032	1	18/02	
74005	2	18,19,31,34,35,46,47, 51/02;4,7,9,16/03	74302	3	35/02;8,18/03	75208	2	26,50/02	83039	11	41/02;6/03	
74006	2	26,31/02	74303	3	15/02	75213	2	36,52/02	83251	2	2,12/03	
74007	1	36/02	74304	3	15,27/02;16/03	75215	2	36,39,40,52/02;7/03	83252	8	18/02;2,12/03	
74008	6	15,51/02	74305	4	25/02;16/03	75220	12	36,39,49/02;4,20,26/03	83253	2	18/02;12/03	
74009	10	20,22,25,38,49/02;8,9, 21/03	74306	5	43/02;9,16/03	75222	8	18,22,35,40/02	83382	9	20,25,27/02	
74012	10	17,20,22,26,37,40,49/02;	74307	3	15/02;26/03	75240	4	36,39/02;2,4/03	83383	2	20,25,27/02	
74015	10	20,40/02;21/03	74308	7	16,22,25,39/02;25/03	75241	6	34,36/02;26/03	83385	19	20,27/02	
74017	4	17,18,37,45/02;18/03	74309	9	16,18,19,25,28,31,38,41, 50/02;3/03	75251	5	23,33,48/02;3,19/03	83392	5	31/02	
74018	6	44/02	74310	2	18,19,28,31,41,49,50/02;	75252	6	17,21,23,24,33,36,48/02;	83393	2	N31/02	
74020	4	16,17,33,37,38,43/02;5, 18/03	74311	3	16,20,25,38/02;7/03	75253	9	17,32/02;5,26/03	83397	6	18/02;1/03	
74021	7	20,33,35,39,44/02;7,10, 26/03	74312	1	39/02	75254	2	36,52/02;4,16/03	83425	6	20,35/02	
74024	7	31,44/02	74313	3	45/02;19/03	75255	8	18,22,26,49/02;2/03	83484	10	23/03	
74027	9	43,44/02	74314	3	32,39/02;2/03	75256	6	17,21,23,24,33,36,48/02;	83570	2	24/02	
74030	6	28,51/02	74315	3	21,22,26,49/02;2/03	75257	2	36,52/02	83572	1	24/02	
74053	2	28,51/02	74316	3	19,21,23,48/02;1,4/03	75258	4	36,26/03	83574	2	7/03	
74054	2	28/02	74317	4	21,22,26,37,40,46,49/02;	75259	6	18,02;16/03	83580	2	24/02;8/03	
74151	9	20,24,27,36,44/02;2, 20/03	74318	6	6,20/02;8,26/03	75260	7	16,17,19,33,34,37,41,42, 19/03	91005	6	45/02;19/03	
74152	11	36,44/02	74319	2	9/03	75261	9	17,32/02;5,26/03	91008	1	29,44,48/02;8,10,12/03	
74153	2	36,44/02;2/03	74320	2	8/03	75262	6	38/02;16/03	91010	6	29,48/02;10,12/03	
74162	4	36,46,47/02;8/03	74321	2	44/02	75263	17	16,17,19,33,34,37,41,42, 19/03	91020	5	19,21,22/02;19/03	
74171	4	33,36,47/02;3,10,18, 20/03	74322	3	16,43/02	75264	1	16,20,21,24/02;6,20/03	91025	8	21,22/02	
74172	5	36,47/02;7,10,18/03	74323	7	16/02	75265	1	18,23,24,29,35,40/02	91030	3	21/02	
74181	8	23,28,33,35,37,38,39, 47/02;10/03	74324	3	16,38,43,45/02	75266	9	16,17,19,33,34,37,41,42, 19/03	91080	4	21/02	
74182	12	23,24,25,26,28,33,35,37, 38,39,41,42,44,51/02;6, 10,17,25/03	74325	2	16,17,33,35,37/02;5,10, 17,18/03	75267	9	17,32/02;5,26/03	91096	1	21/02	
74183	11	38,39,42/02;4,6,17,25/03	74326	4	20,28,33,35,39/02;4,7, 10/03	75268	17	16,20,21,24/02;6,20/03	91170	2	38,41,44/02	
74184	10	23,24,28,33,35,37,38,46, 48/02;17/03	74327	3	28,41/02	75269	1	18,23,24,29,35,40/02	91280	7	19,22/02;19/03	
74186	7	18,34/02;4,10,17,21/03	74328	2	28,44/02	75270	7	18/02	91286	10	20/02	
74190	7	22,23,26,35,36,37,46/02;	74329	3	31,42,44,48/02	75271	9	23,35/02	91289	19	19,20/02	
74191	2	19,22,24,26,35,46,48/02;	74330	3	28,40/02;18/03	75272	8	1,18/03	91294	8	19/03	
74192	3	24,26,28,35,46/02;1/03	74331	4	5/03	75273	9	24,49/02;18/03	91297	9	19/03	
74200	8	18,21,27,28,37,46/02;1,	74332	1	16,17,33,35,37/02;5,10, 17,18/03	75274	8	15,21,22/02;4,5/03	91300	3	21,22/02	
74201	8	28/03	74333	4	45/02;26/03	75275	6	9/03	91311	3	21/02	
74202	3	16,21,24/02;1,7/03	74334	2	5/03	75276	4	49/02	91340	3	19,21/02	
74204	5	21,24,27,37/02;1,7,8/03	74335	45/02	75277	7	40/02	92006	5	45,46/02;5/03		
74205	2	16,24,25/02	74336	2	28/02	75278	3	40/02	92010	3	19/02	
74206	2	24,34/02	74337	15	26,32,34,40,43,44,48/02	75279	7	18/02	92020	2	19/02	
74210	7	25/02;7,17/03	74338	5	18,26,28,40,43,44,48/02	75280	1	22/02	92025	3	21/02	
74220	8	17,23,25,26,35,47,51/02	74339	2	28,51/02	75281	6	18/02	92033	5	45/02	
74221	2	35,51/02	74340	7	40/02;8/03	75282	5	18/02	92060	3	21/02	
74229	2	17,22,23,33,37,43,47/02;	74341	2	28/02	75283	7	18/02	92061	3	21/02	
74230	8	18,26/03	74342	15	34,43,44,48,51/02;5/03	75284	1	22,23,25/02	92115	1	15/02	
74231	7	19,23,35/02;3,21/03	74343	6	47/02;6/03	75285	7	46/02	92200	3	19/02	
74232	9	15/02;5,7,21/03	74344	5	18,22,25,32,34,41,43, 45/02;26/03	75286	8	19,46/02	92210	3	18*,19/02	
74233	1	8,17/03	74345	2	5/03	75287	6	35/02	92214	4	19/02	
74234	74590	2	28/51/02	74346	7	45/02	75288	2	23/02*	92216	3	23/02*
74235	74591	7	40/02;8/03	74347	6	18/02	75289	2	19/03	92290	2	19/03
74236	74592	9	18,26,28,40/02;17,20/03	74348	5</							

## SECTION I

CHARTS AFFECTED BY NOTICE TO MARINERS  
NM 15/02 THROUGH NM 26/03

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
\* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
93043	1	45/02	94165	4	20,26,50/02;18,24/03	95143	11	15,18,40,45,47,48,49, 50/02;1,5,6,7,8,9,10,11, 12,13,16,17,19,23,24, 25/03	96580	3	10/03
93046	1	45/02;5/03	94180	9	26,32,42,44,47,50,51/02; 23/03	96621	5	10/03	96645	1	26/02
93047	2	45,49/02;24/03	94184	2	N51/02	96645			96760	4	29,35,45/02
93048	1	35,49/02;5,14/03	94187	3	32/02;14,23/03	95144	9	19,38,41,46,48,50,52/02; 1,6,8,9,10,11,13,16,21, 23,24/03	96762	3	29/02;17/03
93049	1	45/02;4/03	94188	2	44,46,47,51/02;8/03	95146	14	19,36,38,39,40,41,44,46, 47,48,50,52/02;1,8,9,16, 21,23,24/03	96763	7	29,43,48/02;9,17/03
93061	4	45/02	94201	1	51/02;24/03	95147	13	39,41,44,45,46,47,48, 49/02;1,5,9,19,23,25/03	96764	2	19/02;7/03
93101	2	N24,N34,N38/02;N2/03	94203	10	22,26,41,42,44,46,47, 52/02;10,11,24/03	95149	9	15,18,22,34,36,37,38,41, 43,48,49,52/02;8,9,19,24, 25/03	96800	4	19*,41/02
93110	2	22,24,38,40,41/02;1,2/03	94206	3	22,26,41,42,44,47,52/02; 11,19/03	95151	17	15,18,34,36,37,38,40,47, 50/02;1,5,19,23/03	96840	3	19/02
93113	2	19/02	94207	5	N26,N42,N44,N47, N52/02;N11,N19/03	95152	5	37,38/02;6,9,19/03	96901	3	19,27/02;7/03
93115	2	40,41/02	94208	6	N44/02	95153	2	15,22,34,36,37,38,43/02; 19,25/03	96902	2	45/02
93117	2	19,40,41/02	94210	1	51/02;24/03	95160	13	15,27,41,42,47,52/02;1,6, 8,9,11,17,19,21,24,25/03	96904	2	27,41/02;12/03
93160	4	15*,27,34/02;1,14,24/03	94211	4	27,45/02;10,17/03	95161	16	27,31,40,45,48,50/02;1,5, 6,8,9,10,17,19,23,25/03	96906	2	27/02
93180	7	27,34/02	94212	4	30/02;6/03	95162	2	20,40,44,47/02;10,14, 19/03	96910	1	10/03
93200	4	26,27/02	94213	1	47/02	95163	2	27/02;1,6,9,10,13,14,17, 21/03	96937	2	40/02
93220	6	17,27,34/02	94220	4	22,26,41,42,47,49,52/02; 10,11,17,18/03	95164	4	43,48/02;1,6,9,03	96938	4	4/03
93240	11	17,34/02;16,24/03	94260	5	49/02;1,6,11/03	95167	10	44/02;1,6,9,11,14,17, 21/03	96944	6	45,52/02;6,13,20/03
93241	9	8,16,25/03	94280	5	51/02;15/03	95169	2	44,50,52/02;11,16,23/03	96945	3	43,52/02;20,22,23/03
93243	6	42/02	94281	6	6/03	95171	1	1,6,9,21/03	96947	15	6,12,13/03
93244	7	16/03	94282	9	46/02;8/03	95172	1	1,9,21/03	96948	8	21,22/03
93245	6	16,24/03	94283	7	46/02;2,8,12/03	95173	1	15,16,17,50,52/02;1/03	96949	21	45/02;22/03
93247	4	26/02	94285	2	1,7/03	95174	1	17,50,52/02;12/03	96950	3	7/03
93260	8	27,31/02;7,18/03	94322	14	8/03	95176	2	16,20,31/02;8,11/03	96962	4	19,30,35/02;1,9,22/03
93261	5	31/02;7/03	94360	6	18,32,43/02;6,13/03	95177	1	18,41,50/02;9/03	97000	3	17/03
93280	4	18/03	94361	13	18,32/02;13,15/03	95180	11	15,17,18,27,40,42,44, 49/02;1,6,9,10,21,23/03	97021	7	16/02
93360	5	38/02	94363	4	32,43/02;16,18/03	95185	2	20,31,40,44,49/02;10/03	97026	10	23/02
93385	6	18/02	94380	4	N5,N6,N18/03	95200	6	23/03	97029	3	19/02
93420	4	18/02	94384	3	5/03	95250	4	44/02;1,6,16,20,22/03	97040	5	43,47/02
93440	4	18/02	94420	3	39/02;4,8,11,13,14,23/03	95255	2	44/02;1,7,13/03	97041	9	45,47/02;10,12,22/03
93520	13	45/02;15/03	94421	10	15,45/02;4/03	95258	3	6,16,18/03	97042	7	14,20/03
93610	3	44,45/02;6/03	94423	12	19,45/02;11/03	95261	7	48/02;1,5,9,16,23/03	97043	2	17,23/02;14,20/03
93650	2	19,44/02;6,24/03	94427	2	N32/02	95262	13	41,46/02;1,6,9/03	97060	8	46/02;12,14,22,26/03
93652	2	3,6,24/03	94440	2	46/02;18/03	95264	8	48/02;25/03	97061	3	52/02
93680	3	45,47/02;24/03	95016	8	40/02	95267	5	17/02;13,20,23,26/03	97062	12	27,44/02;6,10,22,26/03
93690	2	44/02;6/03	95040	8	40/02;11/03	95268	16	39,48/02;6,9,13/03	97064	2	6,14/03
93698	3	45/02	95041	7	23/03	95270	4	48/02;9,10,13,20,21,22, 23,26/03	97080	5	16,22,26/03
93710	3	26/02;6,15/03	95060	13	15,16,40,43,44,47,48, 52/02;1,6,11,14,17,19,21, 23/03	95271	4	44,48/02;9,10,12,13,20, 26/03	97082	5	24,46/02;16/03
93720	10	39,45,50/02;8,15,17,20, 24/03	95065	5	48/02;10/03	95273	2	48/02	97083	3	24/02
93721	5	20,22,26,32,39,42,45, 50/02;4,11,17,20,23, 25/03	95066	11	15,16,18,19,20,41,43,44, 47,48,49,50/02;1,5,6,17, 19,21,23,25/03	95274	3	48/02;23/03	97100	4	20,28,42,47/02;16,17, 26/03
93725	6	20,45/02;24/03	95067	13	18,41,44,46,48/02;1,5,10,17, 23/03	95276	3	21/02*	97101	1	28/02;21,25,26/03
93726	4	26,48/02;8,12,17/03	95068	1	41,42,45,47/02;12,14,17, 25/03	95278	9	17,48/02;8,20,26/03	97104	4	20/02;7/03
93730	3	21,39,40,42,45,47,50/02; 2,4,17,24/03	95076	13	18,41,44,46,48/02;1,5,10,17, 23/03	95281	15	7,10,14/03	97105	3	20/02
93733	13	17,21,22,26,32,39,45/02; 4,19,20,25/03	95078	3	19,21,25,33,40,48/02;1, 8/03	95282	7	46,52/02;4,6,9,19,20,22, 23/03	97108	3	21,25,26/03
93734	11	17,22,26,32,45/02;4,19, 20,25/03	95086	5	15,45,52/02;1,6,8,11,12	95285	3	18,20/03	97120	6	15,22,28,31,37,40,42, 43/02;9,14,16,17,25/03
93736	22	16,22,26,32,41/02;4,20, 25/03	95087	3	19,21,25,33,40,48/02;1, 8/03	95300	5	16,45,48,52/02	97140	17	15,22,33,37,39,43,45/02;
93778	8	47/02;7/03	95100	12	15,16,18,38,39,43,44,45, 46,47,50,52/02;1,4,6,7,8, 9,10,17,23,25/03	95320	15	35,38/02;20,21,26/03	97141	5	7,9,14,16,25/03
94004	6	19,29,30,33,37,44,52/02; 8,9,10,12,17,18/03	95101	8	15,39,44,50/02;1,5,6,9, 14,17/03	95341	8	18,19,42,47/02;1,10,03	97143	11	21,31,43,45/02;9,13,20, 25,26/03
94016	2	23,33,35,52/02;3,9,10,14, 17,21/03	95102	8	38,42,45,46,47,48,50, 52/02;1,4,5,8,13,14,17, 23,25/03	95342	16	30/02;9,13,16,20/03	97144	14	44*,46/02;7,8,9,13,20/03
94028	7	23,25,40,42,52/02;1,6,7, 8,9,11,14,17,21,24/03	95103	8	42,43,45,47,52/02;4,6,7, 10,12,19/03	95344	18	19,42,47/02;1,10,03	97145	1	15,22,43/02;8,9,25/03
94033	5	19,21,23/03	95104	7	15,16,18,50,52/02;8,12, 17/03	95346	16	30/02;9,13,16,20/03	97146	10	44/02*;15/03
94040	13	30,37,47,51/02;6,8,10,17, 18/03	95105	4	15,45,52/02;1,6,11,12/03	95351	8	18,19,42,47/02;1,10,03	97148	9	21*,23,45/02;9/03
94042	9	47,51/02;7,18,24/03	95106	5	15,45,52/02;1,6,8,11,12, 23/03	95354	16	30/02;9,13,16,20/03	97149	20	25,34,35,44,45/02;1,16, 25/03
94060	10	27,29,30,33,37,46,47/02; 7,8,10,12,14,15,18,24/03	95107	3	19,21,25,33,40,48/02;1, 8/03	95360	5	16,45,48,52/02	97150	13	34,39,44,45/02;20/03
94061	5	19,33,35,47/02;23/03	95108	3	19,21,25,33,40,48/02;1, 8/03	95362	15	35,38/02;20,21,26/03	97151	16	31,35,44,45/02;12,13,14, 16,20/25/03
94063	4	29,33,41/02;8,18/03	95109	8	46,47,50,52/02;1,4,6,7,8, 9,10,17,23,25/03	95363	10	29,30/02;23/03	97152	8	37/02;20/03
94067	10	33/02;10,11/03	95110	8	15,39,44,50/02;1,5,6,9, 14,17/03	95364	16	30/02;9,13,16,20/03	97153	7	31/02;16,20/03
94080	7	15,27,29,30,33,34,44,48/02; 10,19,22/03	95112	7	17,20,21,42,43,52/02;1,4, 14,21,26/03	95365	6	41,17,44,45/02	97154	2	36/02
94082	8	25,27,30,34,44/02;8,19, 22/03	95113	8	45,46,48,49,50,52/02;8, 16,17,19,23,24,25/03	95366	3	9,10/03	97155	14	20,31,35,36,37,39,40, 48/02;12,13,18,20/03
94083	12	17,25,44/02	95114	15	15,18,22,38,40,41,44,48, 49,52/02;1,7,8,9,10,17, 21,24,25/03	95367	2	10,12,21/03	97156	6	21,37/02;1,14,03
94084	1	23,25/02	95115	8	42,43,45,47,52/02;4,6,7, 10,12,19/03	95368	11	16/02;10,21/03	97157	1	35,37/02
94120	6	19,21,33,38,48,52/02;9, 10,17,18,21/03	95116	9	46,044	9	16/02	97158	4	25/03	
94122	7	19,30,40/02	95117	7	17,20,21,42,43,52/02;1,4, 14,21,26/03	95369	10	30/02	97159	6	33,39/02;7,14,16/03
94123	9	21,33,38,42,44,52/02;9, 10,15,17,18/03	95118	8	45,46,48,49,50,52/02;8, 16,17,19,23,24,25/03	95370	1	10/03	97160	14	23/02;14/03
94124	13	38,42,44/02;10,15,17, 25/03	95119	15	15,18,22,38,40,41,44,48, 49,52/02;1,7,8,9,10,17, 21,24,25/03	95371	1	7,14,16/03	97161	1	7,16/03
94127	2	21,33,38/02;6,9,13,16, 18/03	95120	8	45,47,50,52/02;1,6,7,8, 9,10,19/03	95372	2	10/03	97162	1	33/02;21/03
94160	7	26,27,33,38,44,46,47,50, 51,52/02;9,10,12,16,17, 18,19/03	9								

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 15/02 THROUGH NM 26/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.		
97183	9	25,44/02;5,9,14,16,18,22, 26/03	97287	5	34/02;20/03		
97184	15	25,28,47/02;1,7,12,14,18, 22/03	97300	6	1,13,25,26/03		
97185	2	43/02;1,7/03	97303	3	18,25,47,48/02		
97187	3	44,48/02;9,18/03	97320	6	33/02;14,25/03		
97188	2	1,7,13,17,20,22/03	97340	8	27,33,38,52/02;16,17,18, 22/03		
97189	2	25,28,44/02;9,14,18, 22/03	97341	9	27,34/02;16,21/03		
97190	2	22,34,39,52/02;8,13/03	97342	14	27,38/02;17,18,22/03		
97200	9	52/02;8,16,17,22,25, 26/03	97343	12	27,38/02;17,25/03		
97201	7	18/03	97360	6	20,23,27,38/02;5,7,13, 18/03		
97202	15	43,44,52/02;20,25/03	97380	7	21,39,47,52/02;1,2,8,16, 23/03		
97204	9	28,29,45,52/02;4,6,10,19, 20,25/03	97381	7	27/02;7,13/03		
97205	3	18/03	97382	2	41,45/02;4/03		
97206	2	23/03	97383	16	31/02;5,7,13/03		
97218	3	21,41/02;6/03	97384	4	47/02;19/03		
97219	4	21,25,31/02;6,9,13,20,23, 25/03	97385	10	31,52/02;5,6,7,9/03		
97220	3	21,24,31,37,39,42,43, 44/02;6,8,9,17,18,23/03	97387	2	4,5,7/03		
97221	20	21,24,31,37,39,42,44,45, 49,52/02;6,8,9,10,13,17, 18,19,20,22,23,25,26/03	97389	1	39/02		
97222	12	25,28,47/02;10,22/03	97390	5	31,39,40/02;2,5,12,16/03		
97223	3	42,44,48/02;16,17,22, 23/03	97391	26	31/02;6,7,12,16/03		
97224	6	18,25,27,46,47,49/02	97392	5	21/02;1,21,23,26/03		
97225	31	21,24,37,39,42,44,45/02; 6,8,9,10,17,18,19,23, 25/03	97396	14	18,21,36,39,40/02;2,16, 17,23/03		
97226	7	17/02;18/03	97397	7	18,25,39,49/02;16,26/03		
97227	11	21,24,42,43/02;9,18/03	97398	3	21,25,49/02		
97228	15	21,28,30,39,40,42,43/02; 5,6,9,15,17,18,20,21, 22/03	97400	3	25,26/02;1,12,17,21/03		
97229	12	18,24,27,31,36,39,47/02; 6,8,9,18/03	97410	8	21/02;17,19/03		
97230	18	29,36,52/02;6,9/03	97412	7	40/02		
97231	11	21,41/02;6,23/03	97420	17	21,34,39,42,47,52/02;1,8, 10/03		
97232	8	15,20,25/02;22,25/03	97421	13	20,35,36/02;1,10,13,20, 26/03		
97233	11	31,33,43,44,49/02;1,5,6, 9,15,16,23/03	97440	8	20,23,27,52/02;1,16, 19/03		
97234	17	29,43,47,49/02;1,6,8,9, 16/03	97441	5	20,46/02		
97236	20	31,47/02;9,16,23/03	97443	6	15,19,25/03		
97239	10	31,33/02;1,5,9,16,23/03	97460	7	40/02;5,19,21/03		
97241	6	10/03	97461	9	21/02;5,8,19,21,22,23, 26/03		
97243	8	21,28,29,31,33,48/02;1,5, 6,21/03	97465	9	21/02;1,6,8,19,20,22/03		
97244	5	9/03	97466	2	25,46/02;1,23/03		
97245	11	17,28,36/02;1,5,9/03	97469	10	26/02;1,6,8,19,20,22/03		
97246	7	43,52/02;5/03	97471	5	N31/02;N22/03		
97251	4	6,10,17/03	97472	8	34/02		
97261	15	17,18,41/02;1,5,7,18,21, 26/03	97474	7	21/02;22/03		
97262	10	21,29,34/02;1,5,6,7,15, 21,26/03	97480	7	21,35,52/02;3,9,10,17,18, 21/03		
97263	10	5,7,9,15,18,21/03	97481	6	47,49/02;9,18,20/03		
97266	5	17,37,41/02;1,5,6,7,14, 15,18,26/03	97483	7	48,52/02;20/03		
97267	16	17,18,25,29,40,41/02;1,5, 6,8,10,13,18,26/03	97521	6	19,42/02;16,18,20/03		
97268	10	6/03	97564	3	16/03		
97269	11	20,45/02;8,13,18/03	800669	8	N20/02		
97270	6	36,44/02;1,5/03	800744	1	N22,N49/02;N5,N12, N13,N16/03		
97271	12	17,18,25,29,37,39/02;6, 10,12,26/03	801217	1	N21/02;N6,N8,N19,N20, N22/03		
97272	11	19,52/02;6,10,12,14, 23/03	801885	3	N28/02		
97273	10	19,27,34,42,45,49/02;6,8, 9,13,14,15,18/03	801902	9	N25/03		
97274	19	19,27,31,34,39,45/02;6,9, 15,17,18,23/03	802202	8	N23,N31,N35/02;N1, N7/03		
97276	1	27,29,40/02;9/03	802260	5	N20/02		
97277	11	17,27/02;1,5,6,8,9,14/03	803404	2	N26/02		
97278	11	39/02;1,20/03	804037	1	N28/02		
97279	9	27/02;9/03	804059	2	N20/02		
97280	4	52/02	804567	4	N17/02		
97281	2	41/02	805118	3	N12/03		
97283	3	45/02;9/03	805647	2	N37,N51/02		
97285	6	19,23,27,31,34,42/02;7, 13,17/03	806927	8	N25/03		
97286	6	21,23,25,27,31,34,35,36, 41,42/02;6,8,10,13,17/03	807370	5	N17,N25/03		
			807861	2	N27/02;N22/03		
			808365	2	N14/03		
			808528	1	N25/02		
			809055	7	N16/03		
			809310	9	N18,N39/02		
			809679	2	N25,N50/02;N12/03		

## SECTION II

NM 26/03

## NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date					
REGION 1									
11AHA11325 (7642014627114)	Houston Ship Channel-Carpenter Bayou to Houston (Not shown on index)	10,000	<u>35</u>	<u>5/03</u>	NOS	1-94	26/03		
11XHA11354 (7642014010229)	Morgan City to Port Allen (Not shown on index)	80,000	<u>24</u>	<u>4/03</u>	NOS	1-94	26/03		
12AHA12222 (7642014010301)	Cape Charles to Norfolk Harbor	40,000	<u>44</u>	<u>5/03</u>	NOS	1-94	26/03		
14XHA14853 (7642014010676)	SMALL-CRAFT BOOK CHART Detroit River, Lake St Clair, St Clair River (book of 47 charts)	Various	<u>14</u>	<u>3/03</u>	NOS	1-96	26/03		
14XHA14932 (7642014010697)	Holland Harbor	15,000	<u>23</u>	<u>4/03</u>	NOS	1-96	26/03		
18XHA18602 (7642014011637)	Pyramid Point to Cape Sebastian Insets: Chetco Cove Hunters Cove	40,000 10,000 10,000	<u>12</u>	<u>4/03</u>	NOS	1-98	26/03		
18XHA18643 (7642014011644)	Bodega and Tomales Bays Inset: Bodega Harbor	30,000 10,000	<u>17</u>	<u>3/03</u>	NOS	1-98	26/03		
REGION 2									
22BHA22143 (7642014011812)	Plans on the Central Coast of Peru A. Supe B. Huacho C. Ancon	20,000 20,000 20,000	<u>4</u>	<u>4/03</u>	A	2-62	26/03		

Price Categories effective 1 October 2002

A    17.75	E    9.00	G    4.50	I    26.25
D    10.75	F    9.00	H    2.50	R    2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

For questions concerning the availability and distribution of announced charts, users should contact the Defense Logistics Agency (DLA) at 1-800-826-0342 or 804-279-6500; DSN 695-6500; Fax 804-279-6524.



**PUB 140 (Continued)**

Vessels indicated above arriving from a port or anchorage outside the European Union and intending to anchor in French territorial waters shall send a message to the relevant CROSS station when leaving the loading port, or as soon as possible in the event of a change in destination, stating the following information:

1. Name and call sign of vessel.
2. Nationality of vessel.
3. Length and draft of vessel.
4. Port of destination.
5. ETA at the port of destination, at the pilot station, or in the intended anchorage area, as requested by the competent authority.
6. ETD.
7. Passage plan.
8. Precise technical description of the dangerous or polluting cargo; UN numbers, if applicable; the IMO risk category determined in accordance the IMDG and with the IBC and IGC sets of rules; and the vessel's IMF category, if applicable.
9. Confirmation of the existence on board of a suitable list, manifest, or lading plan giving precise details of the dangerous or polluting cargo carried by the vessel and their location on the vessel.
10. Number of crew onboard.

During the entire transit or stay within French territorial or inshore waters, except when berthed at a quayside in a port, vessels indicated above shall maintain a continuous listening watch on the following frequencies:

1. DSC—2187.5 kHz and VHF channel 70.
2. VHF channel 16.
3. On any specified channel.

**Accident information.**—Vessels indicated above in a position less than 50 miles from the French coast shall immediately send a message to the relevant CROSS center reporting any accident suffered by the vessel. This includes, but is not limited to collision, grounding, navigational incident, and an event on board or off the vessel resulting in either material damage or a risk of material damage which the vessel or its cargo may suffer. The message should state the following information:

TO: Appropriate CROSS station (for vessels in the North Sea, the English Channel, or the Atlantic Ocean) or TO: CROSS La Garde (for vessels in the Mediterranean Sea)	
PREFIX: SURNAV-AVARIES (for vessels in the North Sea, the English Channel, or the Atlantic Ocean) or PREFIX: SURNAV BREAKDOWNS (for vessels in the Mediterranean Sea)	
ALFA	Vessel's name, call sign, and flag
BRAVO	Date and time UT(GMT), suffixed ZULU
CHARLIE	Position (latitude and longitude)

ECHO	Course
FOXTROT	Speed
GOLF	Last port of call
INDIA	Destination
MIKE	RT watch maintained
OSCAR	Draft
PAPA	Cargo
QUEBEC	Nature of the damage
ROMEO	Description of any pollution or dangerous cargo lost overboard
TANGO	Name and address of owner, charterer, and any other French consignee
UNIFORM	Type of vessel
X-RAY	Date and time UT(GMT) of call for assistance or towage; name of assisting vessel, if present or, if not, its ETA in UT(GMT); any other information
YANKEE	Request for transmission of the report to another system (AMVER, AUSREP, JASREP, MAREP, etc.)
ZULU	End of report

The vessel suffering the accident shall also:

1. Inform the appropriate CROSS station of the developing situation.
2. Maintain a continuous listening watch, as follows:
  - a. DSC—2187.5 kHz and VHF channel 70.
  - b. VHF channel 16.
  - c. On any specified channel.
3. Take all precautions stipulated by the maritime authorities to prevent any navigational dangers and risks of pollution.

**Assisting vessel information.**—Any vessel called upon to assist or tow a damaged or defected vessel shall immediately send a message to the appropriate CROSS station, stating the following information:

TO: Appropriate CROSS station (for vessels in the North Sea, the English Channel, or the Atlantic Ocean) or TO: CROSS La Garde (for vessels in the Mediterranean Sea)	
PREFIX: SURNAV-AVARIES (for vessels in the North Sea, the English Channel, or the Atlantic Ocean) or PREFIX: SURNAV BREAKDOWNS (for vessels in the Mediterranean Sea)	
ALFA	Assisting vessel's name, call sign, and flag
BRAVO	Date and time UT(GMT), suffixed ZULU

**PUB 140 (Continued)**

CHARLIE	Position of assisting vessel (latitude and longitude)
ECHO	Course of assisting vessel
FOXTROT	Speed of assisting vessel
INDIA	Destination
PAPA	Cargo of the casualty, if known
QUEBEC	Damage to casualty, if known
TANGO	Name and address of owner, charterer, and any French consignee of the assisting vessel
UNIFORM	Type of assisting vessel
X-RAY	Date and time UT(GMT) and position of casualty; name, nationality, and call sign of casualty; course and speed of the casualty, any other information

The assisting vessel shall also:

1. Inform the appropriate CROSS station of the developing situation.
  2. Maintain a continuous listening watch, as follows:
    - a. DSC—2187.5 kHz and VHF channel 70.
    - b. VHF channel 16.
    - c. On any specified channel.
  3. Take all precautions stipulated by the maritime authorities to prevent any navigational dangers and risks of pollution.
- (BA NM 21/03, Section VI) 26/03

Page 74—Line 56/L; insert after:

New table titled **SURNAV Reporting Stations** from back of this Subsection.

(BA NM 21/03, Section VI) 26/03

Page 74—Lines 1 to 59/R; strike out.

(BA NM 21/03, Section VI) 26/03

Page 75—Lines 1 to 28/L; read:

#### **Navigation and Procedures in French Territorial Waters**

Vessels greater than 1,600 grt carrying hydrocarbons, dangerous cargo, or noxious substances must keep at least 7 miles from the French coast except, as follows:

1. In the northeastbound lane of the Straits of Dover Traffic Separation Scheme.
2. Within the passages and fairways to the following French Atlantic ports:

Dunkerque	Saint Brieuc
Calais	Roscoff
Boulogne	Brest
Dieppe	Douarnenez
Fecamp Le Havre-Antifer	Concarneau

Rouen and the ports of the lower Seine	Lorient
Caen/Ouistreham	Ports of the Loire
Cherbourg	Les Sables-d'Olonne
Granville	La Rochelle/La Pallice
The Transfer of Cargo Operations Area ENE of Pointe de Saire in Baie de la Seine	Ports of La Gironde and Bayonne
	Saint Malo

3. Raz Blanchard, the channel between Alderney and the coast of France.

4. Within the passages and fairways to the following French Mediterranean ports:

Port-La-Nouvelle	Ajaccio
Sete	Porto-Vecchio
Golfe de Fos	Solenzara
Marseille	Lucciana
Toulon	Bastia

5. In the narrow passage called Canal de Corse, which separates the NE coast of Corse (Corsica) from the Italian island of Capraia, between the parallels of 42°48'N (disused signal station on Cape Sagro) and 43°07'N. The distance here is reduced to 5 miles to take into account the narrowing of French territorial waters in this region.

6. In the Strait of Bonifacio.

(BA NM 21/03, Section VI) 26/03

Page 75—Lines 1 to 57/R; strike out.

(BA NM 21/03, Section VI) 26/03

Page 76—Lines 1 to 36/L; read:

#### **Mandatory Access Routes/Channels**

Many French ports contain Mandatory Access Routes/Channels, which are required to be used by vessels greater than 1,600 grt which originate from or are bound to these harbors and roadsteads, and are carrying hydrocarbons, dangerous cargo, or noxious substances. The ports where these Mandatory Access Routes/Channels are in operation are contained in the accompanying table.

Mandatory Access Routes/Channels	
Atlantic ports	Mediterranean ports
Saint Malo	Port-La-Nouvelle
Saint Brieuc	Sete
Roscoff	Golfe de Fos
Brest	Marseille

## PUB 140 (Continued)

<b>Mandatory Access Routes/Channels</b>	
<b>Atlantic ports</b>	<b>Mediterranean ports</b>
Douarenez	Toulon
Concarneau	Ajaccio
Lorient	Porto-Vecchio
Ports of the Loire	Solenzara
Les Sables-d'Olonne	Lucciana
La Rochelle	Bastia
La Pallice	
La Gironde	
Bayonne	

See the appropriate Sailing Directions (Enroute) for particulars concerning Mandatory Access Routes/Channels to the above ports.

These vessels, when they are in the access channels, have priority in accordance with Rule 9 of the International Regulations for Preventing Collisions at Sea.

Vessels crossing these channels should do so as nearly as possible at right angles to the channel and stay well clear of any vessels in the approach channel and, if it is equipped with VHF radiotelephone, it must maintain a listening watch on VHF channel 16.

Vessels are not to anchor or wait in the approach channels except in the circumstances beyond their control.

Those vessels forced by necessity to anchor or wait should inform port authorities by the most expedient means.

Those vessels carrying a dangerous cargo must, in the approach channels, fly Flag "B" of the International Code of Signals by day and exhibit one red light, at night, clearly visible all around.

The preceding regulations do not excuse masters and pilots from conforming to the International Regulations for Preventing Collisions at Sea.

(BA NM 21/03, Section VI) 26/03

Page 76—Line 9/R to Page 78—Line 20/R; strike out.

(BA NM 21/03, Section VI) 26/03

Page 87—Line 41/L; insert after:

#### **Particularly Sensitive Sea Areas (PSSA)**

The Wadden Sea and adjacent parts of the North Sea in the common Wadden Sea area of Denmark, Germany, and the Netherlands were granted (2002) the status of PSSA by the International Maritime Organization. Further information on the PSSA may be found in Denmark—Regulations.

(21(2304(P))03 Taunton) 26/03

Page 130—Line 9/R; insert after:

New table titled **ADRIREP Sector Reporting Information** from back of this Subsection.

(BA NM 22/03, Section VI) 26/03

Page 130—Lines 20 to 21/R; read:  
prior to arrival.

#### **Ship Reporting System**

The Adriatic Traffic Reporting System (ADRIREP) is a mandatory reporting system for the following vessels:

1. Oil tankers of 150 get and over.
2. All vessels of 300 grt and over carrying dangerous or polluting cargo, either in bulk or break bulk.

The operational area covered by ADRIREP is the entire Adriatic Sea N of latitude 40°25'N. The area is divided into five sectors, each of which has been assigned to a competent authority.

The system is based on VHF voice communications. Vessels contact the appropriate shore-based authority on the VHF channel assigned to the sector in which the vessel is located. Vessels unable to report using the assigned VHF channel should report by any other available communication method. English shall be used for all communications. A description of the boundaries, competent authorities, and VHF channels used are given in the accompanying table.

The following procedures shall be used by all vessels required to participate in ADRIREP:

##### **1. Northbound vessels.—**

a. Vessels shall transmit a First Report to the competent shore-based authority of the interested sector, as follows:

- i. When entering the Adriatic Sea by crossing latitude 40°25'N.
  - ii. When entering the Adriatic Sea by leaving a port inside the area covered by ADRIREP.
- b. Vessels shall transmit a Position Report to the competent shore-based authority, as follows:
- i. When entering a new sector by crossing its S border.
  - ii. When entering the port of destination in the area covered by ADRIREP.

##### **2. Southbound vessels.—**

a. Vessels shall transmit a First Report to the competent shore-based authority of the interested sector when leaving a port area covered by the system.

b. The shore-based authority to whom the First Report shall be transmitted is that of the country of the port the vessel is leaving.

c. The recipient of the First Report shall pass the information on to the following authorities:

- i. The maritime authority of the vessel's destination, if in the area covered by ADRIREP.
  - ii. Brindisi Cost Guard.
  - iii. The other shore-based authorities in between, if any.
- d. Vessels shall transmit a Position Report to the competent shore-based authority, as follows:
- i. When entering a new sector by crossing its N border.
  - ii. When entering the port of destination in the area covered by ADRIREP.

**3. Vessels crossing the Adriatic Sea.**—Vessel shall send a report to the closest shore-based authority of the

**PUB 140 (Continued)**

country the vessel is leaving, who shall then inform the maritime authority of the port of destination.

**4. Special case.**—Southbound vessels crossing latitude 40°25'N and either departing Sector 1 or the area covered by ADRIREP shall transmit an additional Final Report to Brindisi Coast Guard.

**Note.**—The format of each report, as well as the required information for the report, are given in the accompanying tables.

The responsibilities of the shore-based authorities are, as follows:

1. The shore-based authority receiving the First Report (01/FR) shall inform the maritime authority of the vessel's destination, if in the area covered by ADRIREP, and the other shore-based authorities in between, if any.
2. The shore-based authority in Sector 5 receiving the Position Report from the vessel entering the sector will inform the other two shore-based authorities in Sector 5.
3. Upon the receipt of any report, the shore-based authority will provide the vessel with the following information:
  - a. Information on navigational conditions.
  - b. Information on weather conditions.
  - c. Any other relevant information.

<b>ADRIREP—First Report Format</b>	
<b>Line</b>	<b>Description</b>
Message Identifier: ADRIREP	
Type of report: 01/FR (First Report)	
A	Vessel name, call sign, IMO number, and flag
B	Time in UT(GMT) (date and time of report (6 digits)—day of month (2 digits) and hours and minutes (in 4 digits))
C	Current position—latitude (4 digits followed by N) and longitude (5 digits followed by E)
E	Course (3 digits)
F	Speed in knots (3 digits)
G	Port of departure
I	Anticipated time of arrival (as expressed in B), followed by the port of destination
N	ETA at next checkpoint (as expressed in B), followed by parallel of the checkpoint
X	Any other relevant information

<b>ADRIREP—First Report Format</b>	
<b>Line</b>	<b>Description</b>
<b>Note.</b> —In accordance with provisions of SOLAS and MARPOL Conventions, vessels shall also report on any defect, damage, deficiency, or limitations, as well as information related to any pollution incident or loss of cargo.	

<b>ADRIREP—Position/Final Report Format</b>	
<b>Line</b>	<b>Description</b>
Message Identifier: ADRIREP	
Type of report: 01/PR, 02/PR, 03/PR (Position Report) or Type of report: ER (Final Report)	
A	Vessel name, call sign, IMO number, and flag
B	Time in UT(GMT) (date and time of report (6 digits)—day of month (2 digits) and hours and minutes (in 4 digits))
C	Current position—latitude (4 digits followed by N) and longitude (5 digits followed by E)
E	Course (3 digits)
F	Speed in knots (3 digits)
G	Port of departure
I	Anticipated time of arrival (as expressed in B), followed by the port of destination
N	ETA at next checkpoint (as expressed in B), followed by parallel of the checkpoint
X	Any other relevant information

**Note.**—The information contained in the Position Report/Final Report shall be supplemented by any other information which differs from the previous report.

**Italian Automated Search and Rescue System**

(BA NM 22/03, Section VI)

26/03

Page 162—Line 29/L; insert after:

**Particularly Sensitive Sea Areas (PSSA)**

The Wadden Sea and adjacent parts of the North Sea in the common Wadden Sea area of Denmark, Germany, and the Netherlands were granted (2002) the status of PSSA by the International Maritime Organization. Further information on the PSSA may be found in Denmark—Regulations.

(21(2304(P))03 Taunton)

26/03

**PUB 163 8 Ed 2002****LAST NM 24/03**

Page 130—Lines 40 to 46/L; read:

**Tanjung Tinggi** (6°50'S., 115°13'E.), the NW extremity of the island, is high, wooded, and visible for 24 to 28 miles. Teluk Ketapang, which indents the coast just S of this point, is the only anchorage of importance. It is entered between **Pulau Mamburit** (6°51'S., 115°13'E.), where a lighthouse is

**PUB 163 (Continued)**

located, and Tanjung Batu Teteh, 2.75 miles SSW. The N side of the bay is formed by a hilly promontory terminating in Tanjung Batu Guluk.

(12(85)03 Jakarta)

26/03

Page 151—Line 29/R; insert after:

A dangerous wreck, marked on its WSW side by a lighted buoy, lies about 18 miles SSW of Jefford Point.

(BA NM 4/03)

26/03

**PUB 171 7 Ed 2001 LAST NM 24/03**

Page 57—Lines 14 to 18/L; read:

**4.2 Cabo Delgado** ( $10^{\circ}41'S.$ ,  $40^{\circ}38'E.$ ) is marked by a light that consists of a white hexagonal concrete tower and dwelling, 36m high. The peninsula is low, but close N of the cape there is a hill with an elevation of 26m. A drying reef fringes the cape, extending over 1 mile SE; it is steep-to and is usually marked by surf. About 2 miles S of Cabo Delgado lies an isolated rock, 0.9m high.

(BA NM 31/02)

26/03

Page 91—Line 29/L; insert after:

**Caution.**—Several incidents of piracy have been reported by vessels approaching ports, and transiting the coast, of Somalia. Vessels as much as 40 miles off the coast have been boarded by armed men. Any radio communications, including VHF, should be avoided. Vessels should stay 50 to 100 miles from the Somali coast.

(BA NM 26/02)

26/03

**PUB 172 9 Ed 2001 LAST NM 25/03**

Page 36—Line 5/L; insert after:

**Caution.**—An IMO-adopted Traffic Separation Scheme lies in the waters E of Az Zukar and may best be seen on the chart.

(15(1767(P))03 Taunton)

26/03

Page 37—Line 7/L; insert after:

**Caution.**—An IMO-adopted Traffic Separation Scheme lies in the waters W and S of Hanish Al Kabir and may best be seen on the chart.

(15(1767(P))03 Taunton)

26/03

**PUB 173 7 Ed 2002 LAST NM 25/03**

Page 29—Lines 35 to 36/L; read:

cated in the W approach to the Gulf of Cambay. Unlit structures are situated on the Malacca Banks, Surat Roads, and the Sutherland Channel, as best seen on the chart.

(BA NM 20/02)

26/03

Page 72—Line 36/L; insert after:

A dangerous obstruction was reported (2002) to lie about 8 miles WSW of Comorin Point.

(US NM 52/02)

26/03

Page 124—Line 20/R; insert after:

**Caution.**—About 30 miles ESE of Covelong Point lies a firing practice area centered on position  $12^{\circ}41'N$ ,  $80^{\circ}45'E.$

(BA NM 16/03)

26/03

**PUB 175 7 Ed 2001 LAST NM 49/02**

Page 110—Lines 57/L to 4/R; read:

**Pilotage.**—Pilotage is compulsory for the approaches to the jetty; the pilot boards 2 mile N of Denham Channel Light. Vessels should send their ETA to the terminal operators 72 hours, 48 hours, and 24 hours in advance, with any amendments being sent as soon as possible. Vessels must arrive in a ballasted condition permitting optimum ship handling capabilities, or the vessel may be unable to berth.

(BA NM 4/03)

26/03

**COAST PILOT CORRECTIONS****COAST PILOT 1 32 Ed 2001 Change No. 30 LAST NM 20/03**

Page 30—Paragraph 664, line 4 to Paragraph 665, line 2; read:

Directions.

**MARINE POLLUTION**

**Compliance with the Federal Water Pollution Control Act or Clean Water Act.**—The Federal Water Pollution Control Act (FWPCA) or Clean Water Act (CWA) was passed to restore and maintain the chemical, physical and biological integrity of our nation's waters.

**No Discharge Zones.**—Section 312 of the FWPCA, entitled “Marine Sanitation Devices” (see **40 CFR 140** in Chapter 2), gives the Environmental Protection Agency (EPA) and States the authority to designate certain areas as No-Discharge Zones (NDZ) for vessel sewage. Freshwater lakes, freshwater reservoirs, or other freshwater impoundments whose entrances and exits prohibit traffic by regulated vessels (vessels with installed toilets) are, by regulation, NDZs. Rivers that do not support interstate navigation vessel traffic are also NDZs by regulation. Water bodies that can be designated as NDZs by States and EPA include: the Great Lakes and their connecting waterways, freshwater lakes and impoundments accessible through locks, and other flowing waters that support interstate navigation by vessels subject to regulation.

Inside No-Discharge Zone waters, discharge of any sewage, whether treated or untreated, is completely prohibited.

Discharge of sewage in waters not designated under **40 CFR 140** as No-Discharge Zones is regulated by the Marine Sanitation Device Standard (see **40 CFR 140** in Chapter 2.)

**Oil Pollution.**—The FWPCA also prohibits ...

(CL 139/02; 40 CFR 140)

26/03

Page 35—Paragraph CFR Box, (insert after Part 334):

**Title 40 (40 CFR): Protection of Environment**

Part 140 Marine Sanitation Device Standard

(40 CFR 140)

26/03

Page 91—Paragraph 1778, line 2; read:

First Naval District, and such agencies as he may designate.

**COAST PILOT 1 (Continued)****TITLE 40—PROTECTION OF ENVIRONMENT****Part 140—Marine Sanitation Device Standard****§140.1 Definitions.**

For the purpose of these standards the following definitions shall apply:

(a) *Sewage* means human body wastes and the wastes from toilets and other receptacles intended to receive or retain body wastes;

(b) *Discharge* includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying, or dumping;

(c) *Marine sanitation device* includes any equipment for installation onboard a vessel and which is designed to receive, retain, treat, or discharge sewage and any process to treat such sewage;

(d) *Vessel* includes every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on waters of the United States;

(e) *New vessel* refers to any vessel on which construction was initiated on or after January 30, 1975;

(f) *Existing vessel* refers to any vessel on which construction was initiated before January 30, 1975;

(g) *Fecal coliform bacteria* are those organisms associated with the intestines of warm-blooded animals that are commonly used to indicate the presence of fecal material and the potential presence of organisms capable of causing human disease.

**§140.2 Scope of standard.**

The standard adopted herein applies only to vessels on which a marine sanitation device has been installed. The standard does not require the installation of a marine sanitation device on any vessel that is not so equipped. The standard applies to vessels owned and operated by the United States unless the Secretary of Defense finds that compliance would not be in the interest of national security.

**§140.3 Standard.**

(a) (1) In freshwater lakes, freshwater reservoirs or other freshwater impoundments whose inlets or outlets are such as to prevent the ingress or egress by vessel traffic subject to this regulation, or in rivers not capable of navigation by interstate vessel traffic subject to this regulation, marine sanitation devices certified by the U.S. Coast Guard (see 33 CFR part 159, published in 40 FR 4622, January 30, 1975), installed on all vessels shall be designed and operated to prevent the overboard discharge of sewage, treated or untreated, or of any waste derived from sewage. This shall not be construed to prohibit the carriage of Coast Guard-certified flow-through treatment devices which have been secured so as to prevent such discharges.

(2) In all other waters, Coast Guard-certified marine sanitation devices installed on all vessels shall be designed and operated to either retain, dispose of, or discharge sewage. If the device has a discharge, subject to paragraph (d) of this section, the effluent shall not have a fecal coliform bacterial count of greater than 1,000 per 100 milliliters nor visible floating solids. Waters where a Coast Guard-certified

marine sanitation device permitting discharge is allowed include coastal waters and estuaries, the Great Lakes and inter-connected waterways, fresh-water lakes and impoundments accessible through locks, and other flowing waters that are navigable interstate by vessels subject to this regulation.

(b) This standard shall become effective on January 30, 1977 for new vessels and on January 30, 1980 for existing vessels (or, in the case of vessels owned and operated by the Department of Defense, two years and five years, for new and existing vessels, respectively, after promulgation of implementing regulations by the Secretary of Defense under section 312(d) of the Act).

(c) Any vessel which is equipped as of the date of promulgation of this regulation with a Coast Guard-certified flow-through marine sanitation device meeting the requirements of paragraph (a)(2) of this section, shall not be required to comply with the provisions designed to prevent the overboard discharge of sewage, treated or untreated, in paragraph (a)(1) of this section, for the operable life of that device.

(d) After January 30, 1980, subject to paragraphs (e) and (f) of this section, marine sanitation devices on all vessels on waters that are not subject to a prohibition of the overboard discharge of sewage, treated or untreated, as specified in paragraph (a)(1) of this section, shall be designed and operated to either retain, dispose of, or discharge sewage, and shall be certified by the U.S. Coast Guard. If the device has a discharge, the effluent shall not have a fecal coliform bacterial count of greater than 200 per 100 milliliters, nor suspended solids greater than 150 mg/1.

(e) Any existing vessel on waters not subject to a prohibition of the overboard discharge of sewage in paragraph (a)(1) of this section, and which is equipped with a certified device on or before January 30, 1978, shall not be required to comply with paragraph (d) of this section, for the operable life of that device.

(f) Any new vessel on waters not subject to the prohibition of the overboard discharge of sewage in paragraph (a)(1) of this section, and on which construction is initiated before January 31, 1980, which is equipped with a marine sanitation device before January 31, 1980, certified under paragraph (a)(2) of this section, shall not be required to comply with paragraph (d) of this section, for the operable life of that device.

(g) The degrees of treatment described in paragraphs (a) and (d) of this section are "appropriate standards" for purposes of Coast Guard and Department of Defense certification pursuant to section 312(g)(2) of the Act.

**§140.4 Complete prohibition.**

(a) Prohibition pursuant to CWA section 312(f)(3): a State may completely prohibit the discharge from all vessels of any sewage, whether treated or not, into some or all of the waters within such State by making a written application to the Administrator, Environmental Protection Agency, and by receiving the Administrator's affirmative determination pursuant to section 312(f)(3) of the Act. [...]

(b) Prohibition pursuant to CWA section 312(f)(4)(A): a State may make a written application to the Administrator,

**COAST PILOT 1 (Continued)**

Environmental Protection Agency, under section 312(f)(4)(A) of the Act, for the issuance of a regulation completely prohibiting discharge from a vessel of any sewage, whether treated or not, into particular waters of the United States or specified portions thereof, which waters are located within the boundaries of such State. Such application shall specify with particularity the waters, or portions thereof, for which a complete prohibition is desired. The application shall include identification of water recreational areas, drinking water intakes, aquatic sanctuaries, identifiable fish-spawning and nursery areas, and areas of intensive boating activities. If, on the basis of the State's application and any other information available to him, the Administrator is unable to make a finding that the waters listed in the application require a complete prohibition of any discharge in the waters or portions thereof covered by the application, he shall state the reasons why he cannot make such a finding, and shall deny the application. If the Administrator makes a finding that the waters listed in the application require a complete prohibition of any discharge in all or any part of the waters or portions thereof covered by the State's application, he shall publish notice of such findings together with a notice of proposed rule making, and then shall proceed in accordance with 5 U.S.C. 553. If the Administrator's finding is that applicable water quality standards require a complete prohibition covering a more restricted or more expanded area than that applied for by the State, he shall state the reasons why his finding differs in scope from that requested in the State's application. [...]

(ii) Waters of the State of Florida within the boundaries of the Florida Keys National Marine Sanctuary as delineated on a map of the Sanctuary at <http://www.fknms.nos.noaa.gov>.

(c)(1) Prohibition pursuant to CWA section 312(f)(4)(B): A State may make written application to the Administrator of the Environmental Protection Agency under section 312(f)(4)(B) of the Act for the issuance of a regulation establishing a drinking water intake no discharge zone which completely prohibits discharge from a vessel of any sewage, whether treated or untreated, into that zone in particular waters, or portions thereof, within such State. Such application shall:

(i) Identify and describe exactly and in detail the location of the drinking water supply intake(s) and the community served by the intake(s), including average and maximum expected amounts of inflow;

(ii) Specify and describe exactly and in detail, the waters, or portions thereof, for which a complete prohibition is desired, and where appropriate, average, maximum and low flows in million gallons per day (MGD) or the metric equivalent;

(iii) Include a map, either a USGS topographic quadrant map or a NOAA nautical chart, as applicable, clearly marking by latitude and longitude the waters or portions thereof to be designated a drinking water intake zone; and

(iv) Include a statement of basis justifying the size of the requested drinking water intake zone, for example, identifying areas of intensive boating activities.

(2) If the Administrator finds that a complete prohibi-

tion is appropriate under this paragraph, he or she shall publish notice of such finding together with a notice of proposed rulemaking, and then shall proceed in accordance with 5 U.S.C. 553. If the Administrator's finding is that a complete prohibition covering a more restricted or more expanded area than that applied for by the State is appropriate, he or she shall also include a statement of the reasons why the finding differs in scope from that requested in the State's application.

(3) If the Administrator finds that a complete prohibition is inappropriate under this paragraph, he or she shall deny the application and state the reasons for such denial.

(4) For the following waters the discharge from a vessel of any sewage, whether treated or not, is completely prohibited pursuant to CWA section 312(f)(4)(B):

(i) Two portions of the Hudson River in New York State, the first is bounded by an east-west line through the most northern confluence of the Mohawk River which will be designated by the Troy-Waterford Bridge (126th Street Bridge) on the south and Lock 2 on the north, and the second of which is bounded on the north by the southern end of Houghtaling Island and on the south by a line between the Village of Roseton on the western shore and Low Point on the eastern shore in the vicinity of Chelsea, as described in Items 2 and 3 of 6 NYCR Part 858.4.

(ii) [Reserved]

**§140.5 Analytical procedures.**

In determining the composition and quality of effluent discharge from marine sanitation devices, the procedures contained in 40 CFR part 136, "Guidelines Establishing Test Procedures for the Analysis of Pollutants," or subsequent revisions or amendments thereto, shall be employed.

(40 CFR 140)

26/03

**COAST PILOT 1**

**32 Ed 2001**

**Change No. 31**

Page 250—Paragraph 162, lines 3 to 5; read:  
west side of Derby Wharf. In October 2002, the controlling depth was 5.2 feet (7.1 feet at midchannel) in the channel to the westward turn into South River, thence 4.8 feet (5.6 feet at midchannel) from the turn continuing west to a ...

(CL 1907/02; 12/03 CG1; BP 179154)

26/03

Page 276—Paragraph 55, line 4 to Paragraph 58; read:  
Engineer District Mobile, P.O. Box 2288, AL 36602, Attn: Map Sales, LM-SR; telephone, 251-441-5631.

Flood Control and Navigation Maps of the Mississippi River, Cairo, IL to the Gulf of Mexico: Published by Mississippi River Commission and for sale by U.S. Army Engineer District Vicksburg, 4155 Clay Street, Vicksburg, MS 39183-3435, Attn: Map Sales; telephone: 601-631-5042.

Upper Mississippi River Naviagtion Charts (Mississippi River, Cario, IL to Minneapolis, MN): Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone, 309-794-5338.

Charts of the Illinois Waterway, from Mississippi River at Grafton, IL to Lake Michigan at Chicago and Calumet Har-

**COAST PILOT 1 (Continued)**

bors: Published and for sale by U.S. Army Engineer District Rock Island, Clock Tower Bldg., P.O. Box 2004, Rock Island, IL 61204-2004; telephone, 309-794-5338.

(CE/03) 26/03

**COAST PILOT 2            32 Ed 2003            Change No. 9  
LAST NM 22/03**

Page 39—Paragraph 671, line 4 to Paragraph 672, line 1; read:  
in the Coast Pilot and Sailing Directions.

**MARINE POLLUTION****Compliance with the Federal Water Pollution Control Act or Clean Water Act**

The Federal Water Pollution Control Act (FWPCA) or Clean Water Act (CWA) was passed to restore and maintain the chemical, physical and biological integrity of our nation's waters.

**No Discharge Zones**

Section 312 of the FWPCA, entitled "Marine Sanitation Devices" (see **40 CFR 140** in Chapter 2), gives the Environmental Protection Agency (EPA) and States the authority to designate certain areas as No-Discharge Zones (NDZ) for vessel sewage. Freshwater lakes, freshwater reservoirs, or other freshwater impoundments whose entrances and exits prohibit traffic by regulated vessels (vessels with installed toilets) are, by regulation, NDZs. Rivers that do not support interstate navigation vessel traffic are also NDZs by regulation. Water bodies that can be designated as NDZs by States and EPA include: the Great Lakes and their connecting waterways, freshwater lakes and impoundments accessible through locks, and other flowing waters that support interstate navigation by vessels subject to regulation.

Inside No-Discharge Zone waters, discharge of any sewage, whether treated or untreated, is completely prohibited.

Discharge of sewage in waters not designated under **40 CFR 140** as No-Discharge Zones is regulated by the Marine Sanitation Device Standard (see **40 CFR 140** in Chapter 2.)

**Oil Pollution**

The FWPCA also ...  
(CL 139/02; 40 CFR 140) 26/03

Page 46—Paragraph CFR Box, (insert after Part 334):

**Title 40 (40 CFR): Protection of Environment**

Part 140 Marine Sanitation Device Standard  
(40 CFR 140) 26/03

Page 150—Paragraph 2654, line 4; read:  
designate.

**TITLE 40—PROTECTION OF ENVIRONMENT****Part 140—Marine Sanitation Device Standard****§140.1 Definitions.**

For the purpose of these standards the following definitions shall apply:

(a) *Sewage* means human body wastes and the wastes

from toilets and other receptacles intended to receive or retain body wastes;

(b) *Discharge* includes, but is not limited to, any spilling, leaking, pumping, pouring, emitting, emptying, or dumping;

(c) *Marine sanitation device* includes any equipment for installation onboard a vessel and which is designed to receive, retain, treat, or discharge sewage and any process to treat such sewage;

(d) *Vessel* includes every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on waters of the United States;

(e) *New vessel* refers to any vessel on which construction was initiated on or after January 30, 1975;

(f) *Existing vessel* refers to any vessel on which construction was initiated before January 30, 1975;

(g) *Fecal coliform bacteria* are those organisms associated with the intestines of warm-blooded animals that are commonly used to indicate the presence of fecal material and the potential presence of organisms capable of causing human disease.

**§140.2 Scope of standard.**

The standard adopted herein applies only to vessels on which a marine sanitation device has been installed. The standard does not require the installation of a marine sanitation device on any vessel that is not so equipped. The standard applies to vessels owned and operated by the United States unless the Secretary of Defense finds that compliance would not be in the interest of national security.

**§140.3 Standard.**

(a) (1) In freshwater lakes, freshwater reservoirs or other freshwater impoundments whose inlets or outlets are such as to prevent the ingress or egress by vessel traffic subject to this regulation, or in rivers not capable of navigation by interstate vessel traffic subject to this regulation, marine sanitation devices certified by the U.S. Coast Guard (see 33 CFR part 159, published in 40 FR 4622, January 30, 1975), installed on all vessels shall be designed and operated to prevent the overboard discharge of sewage, treated or untreated, or of any waste derived from sewage. This shall not be construed to prohibit the carriage of Coast Guard-certified flow-through treatment devices which have been secured so as to prevent such discharges.

(2) In all other waters, Coast Guard-certified marine sanitation devices installed on all vessels shall be designed and operated to either retain, dispose of, or discharge sewage. If the device has a discharge, subject to paragraph (d) of this section, the effluent shall not have a fecal coliform bacterial count of greater than 1,000 per 100 milliliters nor visible floating solids. Waters where a Coast Guard-certified marine sanitation device permitting discharge is allowed include coastal waters and estuaries, the Great Lakes and inter-connected waterways, fresh-water lakes and impoundments accessible through locks, and other flowing waters that are navigable interstate by vessels subject to this regulation.

(b) This standard shall become effective on January 30, 1977 for new vessels and on January 30, 1980 for existing vessels (or, in the case of vessels owned and operated by the

## COAST PILOT 2 (Continued)

Department of Defense, two years and five years, for new and existing vessels, respectively, after promulgation of implementing regulations by the Secretary of Defense under section 312(d) of the Act.

(c) Any vessel which is equipped as of the date of promulgation of this regulation with a Coast Guard-certified flow-through marine sanitation device meeting the requirements of paragraph (a)(2) of this section, shall not be required to comply with the provisions designed to prevent the overboard discharge of sewage, treated or untreated, in paragraph (a)(1) of this section, for the operable life of that device.

(d) After January 30, 1980, subject to paragraphs (e) and (f) of this section, marine sanitation devices on all vessels on waters that are not subject to a prohibition of the overboard discharge of sewage, treated or untreated, as specified in paragraph (a)(1) of this section, shall be designed and operated to either retain, dispose of, or discharge sewage, and shall be certified by the U.S. Coast Guard. If the device has a discharge, the effluent shall not have a fecal coliform bacterial count of greater than 200 per 100 milliliters, nor suspended solids greater than 150 mg/l.

(e) Any existing vessel on waters not subject to a prohibition of the overboard discharge of sewage in paragraph (a)(1) of this section, and which is equipped with a certified device on or before January 30, 1978, shall not be required to comply with paragraph (d) of this section, for the operable life of that device.

(f) Any new vessel on waters not subject to the prohibition of the overboard discharge of sewage in paragraph (a)(1) of this section, and on which construction is initiated before January 31, 1980, which is equipped with a marine sanitation device before January 31, 1980, certified under paragraph (a)(2) of this section, shall not be required to comply with paragraph (d) of this section, for the operable life of that device.

(g) The degrees of treatment described in paragraphs (a) and (d) of this section are "appropriate standards" for purposes of Coast Guard and Department of Defense certification pursuant to section 312(g)(2) of the Act.

### **§140.4 Complete prohibition.**

(a) Prohibition pursuant to CWA section 312(f)(3): a State may completely prohibit the discharge from all vessels of any sewage, whether treated or not, into some or all of the waters within such State by making a written application to the Administrator, Environmental Protection Agency, and by receiving the Administrator's affirmative determination pursuant to section 312(f)(3) of the Act. [...]

(b) Prohibition pursuant to CWA section 312(f)(4)(A): a State may make a written application to the Administrator, Environmental Protection Agency, under section 312(f)(4)(A) of the Act, for the issuance of a regulation completely prohibiting discharge from a vessel of any sewage, whether treated or not, into particular waters of the United States or specified portions thereof, which waters are located within the boundaries of such State. Such application shall specify with particularly the waters, or portions thereof, for which a complete prohibition is desired. The application shall include identification of water recreational areas, drink-

ing water intakes, aquatic sanctuaries, identifiable fish-spawning and nursery areas, and areas of intensive boating activities. If, on the basis of the State's application and any other information available to him, the Administrator is unable to make a finding that the waters listed in the application require a complete prohibition of any discharge in the waters or portions thereof covered by the application, he shall state the reasons why he cannot make such a finding, and shall deny the application. If the Administrator makes a finding that the waters listed in the application require a complete prohibition of any discharge in all or any part of the waters or portions thereof covered by the State's application, he shall publish notice of such findings together with a notice of proposed rule making, and then shall proceed in accordance with 5 U.S.C. 553. If the Administrator's finding is that applicable water quality standards require a complete prohibition covering a more restricted or more expanded area than that applied for by the State, he shall state the reasons why his finding differs in scope from that requested in the State's application. [...]

(ii) Waters of the State of Florida within the boundaries of the Florida Keys National Marine Sanctuary as delineated on a map of the Sanctuary at <http://www.fknms.nos.noaa.gov>.

(c)(1) Prohibition pursuant to CWA section 312(f)(4)(B): A State may make written application to the Administrator of the Environmental Protection Agency under section 312(f)(4)(B) of the Act for the issuance of a regulation establishing a drinking water intake no discharge zone which completely prohibits discharge from a vessel of any sewage, whether treated or untreated, into that zone in particular waters, or portions thereof, within such State. Such application shall:

(i) Identify and describe exactly and in detail the location of the drinking water supply intake(s) and the community served by the intake(s), including average and maximum expected amounts of inflow;

(ii) Specify and describe exactly and in detail, the waters, or portions thereof, for which a complete prohibition is desired, and where appropriate, average, maximum and low flows in million gallons per day (MGD) or the metric equivalent;

(iii) Include a map, either a USGS topographic quadrant map or a NOAA nautical chart, as applicable, clearly marking by latitude and longitude the waters or portions thereof to be designated a drinking water intake zone; and

(iv) Include a statement of basis justifying the size of the requested drinking water intake zone, for example, identifying areas of intensive boating activities.

(2) If the Administrator finds that a complete prohibition is appropriate under this paragraph, he or she shall publish notice of such finding together with a notice of proposed rulemaking, and then shall proceed in accordance with 5 U.S.C. 553. If the Administrator's finding is that a complete prohibition covering a more restricted or more expanded area than that applied for by the State is appropriate, he or she shall also include a statement of the reasons why the finding differs in scope from that requested in the State's application.

**COAST PILOT 2 (Continued)**

(3) If the Administrator finds that a complete prohibition is inappropriate under this paragraph, he or she shall deny the application and state the reasons for such denial.

(4) For the following waters the discharge from a vessel of any sewage, whether treated or not, is completely prohibited pursuant to CWA section 312(f)(4)(B):

(i) Two portions of the Hudson River in New York State, the first is bounded by an east-west line through the most northern confluence of the Mohawk River which will be designated by the Troy-Waterford Bridge (126th Street Bridge) on the south and Lock 2 on the north, and the second of which is bounded on the north by the southern end of Houghtaling Island and on the south by a line between the Village of Roseton on the western shore and Low Point on the eastern shore in the vicinity of Chelsea, as described in Items 2 and 3 of 6 NYCRR Part 858.4.

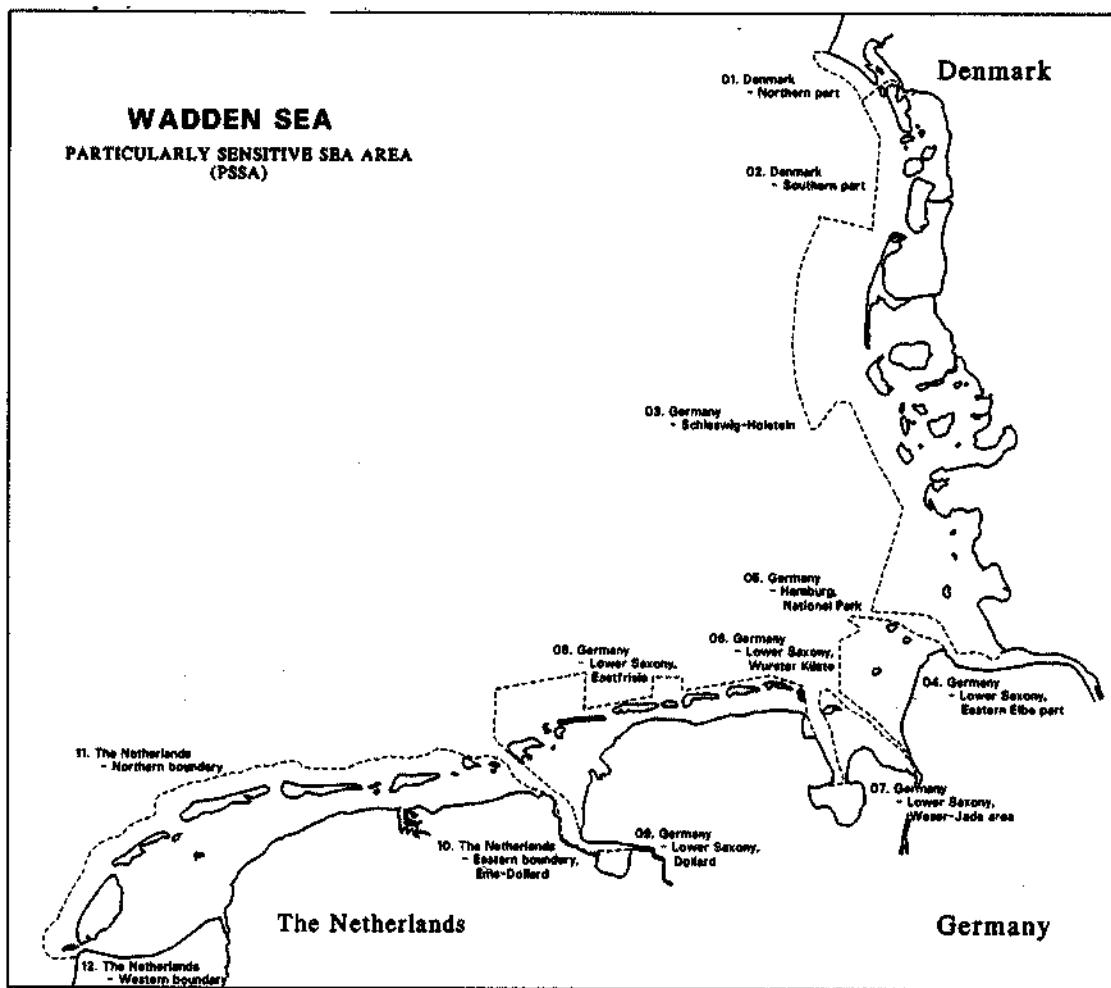
(ii) [Reserved]

**\$140.5 Analytical procedures.**

In determining the composition and quality of effluent discharge from marine sanitation devices, the procedures contained in 40 CFR part 136, "Guidelines Establishing Test Procedures for the Analysis of Pollutants," or subsequent revisions or amendments thereto, shall be employed.

(40 CFR 140)

26/03



PUB 140

<b>SURNAV Reporting Stations</b>				
<b>CROSS station</b>	<b>Traffic</b>	<b>Call sign</b>	<b>VHF channel</b>	<b>E-mail address</b>
CROSS Gris-Nez	For vessels coming from the North Sea or a port on the S coast of England located E of Brighton.	Gris-Nez Traffic	13, 16, 79	ops.cross-gris-nez@equipement.gouv.fr
CROSS Jobourg	For vessels coming from a port on the S coast of England located W of Brighton.	Jobourg Traffic	13, 16, 80	jobourg.mrcc@wanadoo.fr
CROSS Corsen	For vessels coming from the Atlantic Ocean, going to the English Channel or Brest and its surroundings.	Ouessant Traffic	13, 16, 79	cross-corsen@equipement.gouv.fr
CROSS Etel	For vessels going to a French Atlantic coast port located S of the parallel of Pointe de Penmarch.	CROSSA Etel	16	—
CROSS La Garde	For vessels going to French Mediterranean ports.	CROSS MED	16, 70, 79	—

PUB 140

ADRIREP Sector Reporting Information					
Sector	Southern border	Northern border	Competent authority	VHF channel	Remarks
1	40°25'N	41°30'N	Brindisi Coast Guard (Italy)	10	
2	41°30'N	42°00'N	Bar MRCC (Serbia and Montenegro)	12	
3	42°00'N	43°20'N	Rijeka MRCC (Croatia)	10	
4	43°20'N	44°30'N	Ancona MRSC (Italy)	10	
5	44°30'N	Coastline	Venezia MRSC (Italy)	10	See note.
5	44°30'N	Coastline	Trieste MRSC (Italy)	10	See note.
5	44°30'N	Coastline	Koper MRCC (Slovenia)	12	See note.

**Note.**—Northbound and southbound vessels entering Sector 5 shall transmit the First Report or Position Report, as applicable, to the competent authority to where the vessel is going to or coming from.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Add Heading: *BAY OF FUNDY TO CAPE COD (Chart 13260)</b>							
*4      NOAA Data Lighted Buoy      44 16 21 N    Fl (4) Y 20s 67 18 52 W							
				4	Yellow.		Marked NOAA
							26/03
<b>*Delete Heading: *BAY OF FUNDY TO CAPE COD (Chart 13260)</b>							
5 2290	Mount Desert Light	43 58 06 N 68 07 42 W	Fl W 15s	75	20	Conical gray granite tower. 58	Emergency light of reduced intensity when main light is extinguished. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Operates continuously.
							26/03
7285	Cow Island Ledge Buoy CIL					Green can with red bands.	
		*					26/03
*34356	Sheepshead Bay Channel Buoy 7A					Green can.	
							26/03
38155	ESOPUS MEADOWS LIGHT	41 52 07 N 73 56 29 W	Fl W 2.5s	52	6	White brick lighthouse.	
		*	*	*	*	*	*
							26/03

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Naval Boat Channel</b>							
10615	- LIGHT 2	36 57 52 N 76 19 37 W	Fl R 4s	15	4	TR on pile.	Light equipment removed when endangered by ice.
		*					26/03
<b>NEWPORT NEWS TO JAMESTOWN ISLAND (Chart 12248)</b>							
<b>Nansemond River</b>							
11017	- CHANNEL LIGHT 2	36 55 47 N 76 25 00 W	Fl R 2.5s	15	4	TR on pile.	
		*					26/03
11025	- CHANNEL LIGHT 5	36 54 45 N 76 27 03 W	Fl G 4s	17	4	SG on pile.	
		*					26/03
11840	- Daybeacon 3	37 09 57 N 76 37 21 W				SG on pile.	
						*	26/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Add Heading: *JORDAN POINT TO RICHMOND</b>							
12485 - CHANNEL LIGHT 108 60 feet outside channel limit.		37 18 36 N 77 14 25 W	FIR 4s	18	4	TR on multi-pile structure.	26/03
<b>*Add Heading: *James River</b>							
12490 - LIGHT 109			Fl G 4s	15	4	SG on multi-pile structure.	26/03
*13213 - Chrisman Creek Buoy 5						Green can.	26/03
*							
13215 - Chisman Creek Warning Daybeacon						NW on pile worded DANGER SHOAL.	26/03
*							
14110 - LIGHT 3		37 15 44 N 76 19 56 W	Fl G 4s	15	4	SG on pile.	26/03
*							
<b>Browns Bay</b>							
14230 - LIGHT 1		37 18 09 N 76 22 57 W	Fl G 4s	16	4	SG on multi-pile structure.	Light equipment removed when endangered by ice. 26/03
*							
<b>Horn Harbor</b>							
14445 - ENTRANCE LIGHT HH		37 20 11 N 76 15 03 W	Mo (A) W	19	5	MR on pile.	26/03
*							
19725 Greenbury Point Warning Daybeacon		38 58 06 N 76 27 15 W				NW on red skeleton tower on multi-pile structure worded DANGER OBSTRUCTION.	26/03
*							
21955 - CHANNEL LIGHT 9			Fl G 4s	15	4	SG on pile.	26/03
*							
22195 - LIGHT 3		37 49 10 N 75 47 20 W	Fl G 6s	15	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15. 26/03
*							
29155 - Buoy 3A						Remove from list.	26/03
*							
37340 - LIGHT 29			Fl G 4s	15	4	SG-SY on pile.	26/03
*							

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## SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
37345	- LIGHT 30		Fl R 4s	15	3	TR-TY on pile.	
				*	*		26/03
37350	- LIGHT 32		Fl R 2.5s	15	3	TR-TY on pile.	
				*			26/03
CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6045	- Entrance Lighted Bell Buoy 3		Fl G 2.5s		4	Green.	
					*		26/03
6380	- LIGHT 9	31 10 18 N 81 31 36 W	Fl G 4s	16	4	SG on pile.	
					*		26/03
7645	Commodore Point Shoal Lighted Buoy 80 Off shoal.		Q R		4	Red.	
							26/03
7695	WINTER POINT LIGHT 3	30 16 42 N 81 40 12 W	Fl G 2.5s	16	4	SG on dolphin.	
					*		26/03
21705	- CHANNEL LIGHT 13		Q G	16	3	SG on pile.	
				*			26/03
31410	- Lighted Buoy 3					Remove from list.	
						*	26/03
31415	- Buoy 4					Remove from list.	
						*	26/03
31540	- Lighted Buoy 1 On west end of shoal.					Remove from list.	
						*	26/03
31545	- Lighted Buoy 2					Remove from list.	
						*	26/03
31580	- Lighted Buoy 10					Remove from list.	
						*	26/03
37307	JEKYLL CREEK LIGHT 9	31 05 24 N 81 26 30 W	QG	12	3	SG-SY on pile.	
					*		26/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
60265	- LIGHT 64		Fl R 4s	16	3	TR-TY on pile.	*

26/03

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>*Delete Heading: *CAPE ST. GEORGE TO MISSISSIPPI PASSES (Chart 11360)</b>							
265	NOAA Grid Lighted Buoy H						Remove from list.
							*
270	NOAA Grid Lighted Buoy L						Remove from list.
							*
275	NOAA Grid Lighted Buoy D						Remove from list.
							*

26/03

26/03

26/03

26/03

#### \*Add Heading:

\*CAPE ST. GEORGE TO MISSISSIPPI PASSES (Chart 11360)

277	Coastal-MO-959-A RACON	30 04 00 N 87 57 18 W		56	On Coastal Platfrom A.	BAND: S, X Sign: Coastal-MO-959-A. RACON: Q(---•--). Private aid.	
							26/03
*1204	Walter 101-16 Buoy Marks subsea installation.	28 02 04 N 94 45 33 W	Q R	10	Red.	SIGN: WALTER-GA-A-192-1 Private aid.	
							26/03
*3474.01	- Daybeacon 2			8	TR on pile.	Private aid.	
							26/03
*3474.02	- Daybeacon 1	30 11 42 N 85 43 20 W		8	SG on pile.	Private aid.	
							26/03
*3474.03	- Daybeacon 2			8	TR on pile.	Private aid.	
							26/03
*3474.04	- Daybeacon 3			8	SG on pile.	Private aid.	
							26/03
*3474.05	- Daybeacon 4			8	TR on pile.	Private aid.	
							26/03
*3474.06	- Daybeacon 5			8	SG on pile.	Private aid.	
							26/03

26/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*3474.07	- Daybeacon 6	30 11 41 N 85 43 08 W		8	TR on pile.	Private aid.	
							26/03
*3474.08	- Daybeacon 7			8	SG on pile.	Private aid.	
							26/03
*3474.09	- Daybeacon 8			8	TR on pile.	Private aid.	
							26/03
<b>*Delete Headings:</b>							
<b>*ST. ANDREW BAY (Chart 11391)</b>							
<b>*St. Andrew Bay</b>							
<b>*Harbor Towne Channel</b>							
3474.1	- Daybeacon 9			8	SG on pile.	Private aid.	
		*			*		26/03
3474.11	- Daybeacon 1					Remove from list.	
						*	26/03
<b>*Add Heading:</b>							
<b>*Posten Bayou Channel</b>							
*3474.11	- Daybeacon 10			8	TR on pile.	Private aid.	
							26/03
<b>*Change Heading to Read:</b>							
<b>*Harbor Towne Channel</b>							
3474.12	- Daybeacon 11			8	SG on pile.	Private aid.	
		*			*		26/03
<b>*Delete Headings:</b>							
<b>*ST. ANDREW BAY (Chart 11391)</b>							
<b>*St. Andrew Bay</b>							
<b>*Posten Bayou Channel</b>							
3474.13	- Daybeacon 12	30 11 34 N 85 43 01 W		8	TR on pile.	Private aid.	
		*	*		*		26/03
<b>*Change Heading to Read:</b>							
<b>*Posten Bayou Channel</b>							
*3474.14	- Daybeacon 4			8	TR on pile.	Private aid.	
							26/03
4760	- Buoy 20	30 32 30 N 87 09 57 W			Red nun.		
		*					26/03
7443	BAYOU CASSOTTE TURN BASIN LIGHT B	30 21 22 N F W 88 30 22 W		20	6 KRW on pile.		
		*			*		26/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9272	- LIGHT 23A	30 11 40 N 89 35 19 W	Fl G 6s	17	4	SG on platform on piles.	Ra ref.  *
							26/03
13145	POINT PLEASANT UPPER LIGHT 30A LDB mile 31.8.		Fl R 6s		4	TR on skeleton tower.	 *
							26/03
*13512	SEWAGE AND WATEW BOARD PIPELINE LIGHT A	29 55 04 N 89 58 00 W	Fl Y 2.5s	21		NW on pile. Worded: DANGER PIPELINE	Private aid.  26/03
*13513	SEWAGE AND WATER BOARD PIPELINE LIGHT B	29 55 09 N 89 58 03 W	Fl Y 2.5s	21		NW on pile Worded: DANGER PIPELINE.	Private aid.  26/03
14750	WADLINGTON LIGHT 214 LDB mile 214.0.	30 18 38 N 91 09 24 W	Iso R 6s	20	4	TR on skeleton tower.	 *
							26/03
14770	MULBERRY GROVE LIGHT 218 LDB mile 217.3.		Iso R 6s		5	TR on skeleton tower on piles.	 *
							26/03
17060	- LIGHT 7	29 22 51 N 90 39 51 W	Fl G 4s	17	3	SG on pile.	Ra ref.  *
							26/03
*20928	- RANGE FRONT LIGHT		Q G	20	4	KRW-I on skeleton tower on piles.	Visible all around; higher intensity on rangeline.  26/03
*20929	- RANGE REAR LIGHT 192 yards, 046.4° from front light.	30 06 32 N 93 18 14 W	F G	37		KRW-I on skeleton tower on piles.	Visible all around; higher intensity on rangeline.  26/03
20975	- RANGE E FRONT LIGHT	30 07 37 N 93 19 44 W	Q W	30		KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.  *
							26/03
21563	- LIGHT 30	29 41 54 N 93 50 33 W	Fl R 2.5s	17	4	TR on pile.	 *
							26/03
22850	- ENTRANCE INNER RANGE FRONT LIGHT	29 22 40 N 94 48 43 W	Q G Q G	25 27	3	KRW on skeleton tower on piles.	Visible all around; higher intensity on rangeline.  *
							26/03
27055	- LIGHT 11		Fl G 4s	22	4	SG on skeleton tower on piles.	 *
							26/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28100	- RANGE FRONT LIGHT	26 33 29 N 97 25 32 W	Q R	26		KRW on skeleton tower on piles.	Visible 2° each side of rangeline. 26/03
		*	*	*		*	
28105	- RANGE REAR LIGHT 800 yards, 267.6° from front light.		Oc R 4s	62		KRW on skeleton tower on block.	Visible 2° each side of rangeline. F R aircraft warning light on tower. 26/03
		*					
<b>*Delete Headings and Note:</b>							
<b>*AMISTAD RESERVOIR</b>							
<b>*San Pedro Canyon</b>							
*Buoys maintained by National Park Service unless otherwise noted.							
28500	- Buoy SP-A					Remove from list.	
						*	26/03
28505	- Buoy SP-B1					Remove from list.	
						*	26/03
28510	- Lighted Buoy SP-B2					Remove from list.	
						*	26/03
28515	- Buoy SP-C1					Remove from list.	
						*	26/03
28520	- Buoy SP-C2					Remove from list.	
						*	26/03
28525	- Buoy SP-D					Remove from list.	
						*	26/03
28530	- Lighted Buoy SP-E					Remove from list.	
						*	26/03
<b>*Delete Heading and Note:</b>							
<b>*Devils River</b>							
*Buoys maintained by National Park Service unless otherwise noted.							
28535	- Lighted Buoy DR-A					Remove from list.	
						*	26/03
28540	- Buoy DR-B					Remove from list.	
						*	26/03
28545	- Lighted Buoy DR-C					Remove from list.	
						*	26/03
28550	- Buoy DR-D1					Remove from list.	
						*	26/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28555	- Buoy DR-D2						<i>Remove from list.</i>
							*
							26/03
28560	- <i>Lighted Buoy DR-E</i>						<i>Remove from list.</i>
							*
							26/03
28565	- Buoy DR-F						<i>Remove from list.</i>
							*
							26/03
28570	- Buoy DR-G						<i>Remove from list.</i>
							*
							26/03
28575	- <i>Lighted Buoy DR-H</i>						<i>Remove from list.</i>
							*
							26/03
28580	- Buoy DR-I						<i>Remove from list.</i>
							*
							26/03
28585	- Buoy DR-J						<i>Remove from list.</i>
							*
							26/03
28590	- <i>Lighted Buoy DR-K</i>						<i>Remove from list.</i>
							*
							26/03
28595	- Buoy DR-L						<i>Remove from list.</i>
							*
							26/03
28600	- Buoy DR-M						<i>Remove from list.</i>
							*
							26/03
28605	- <i>Lighted Buoy DR-N</i>						<i>Remove from list.</i>
							*
							26/03
28610	- Buoy DR-O						<i>Remove from list.</i>
							*
							26/03
28615	- Buoy DR-P						<i>Remove from list.</i>
							*
							26/03
<b>*Delete Heading and Note:</b>							
<b>*Castle Canyon</b>							
*Buoys maintained by National Park Service unless otherwise noted.							
28620	- <i>Lighted Buoy CC-A</i>						<i>Remove from list.</i>
							*
							26/03
28625	- Buoy CC-B						<i>Remove from list.</i>
							*
							26/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
28630	- Buoy CC-C1						<i>Remove from list.</i>
							*
							26/03
28635	- Lighted Buoy CC-C2						<i>Remove from list.</i>
							*
							26/03
28640	- Buoy CC-D						<i>Remove from list.</i>
							*
							26/03
28645	- Buoy CC-E1						<i>Remove from list.</i>
							*
							26/03
28650	- Lighted Buoy CC-E2						<i>Remove from list.</i>
							*
							26/03
<b>*Delete Heading and Note:</b>							
<b>*Evans Creek</b>							
<i>*Buoys maintained by National Park Service unless otherwise noted.</i>							
28655	- Buoy EC-A						<i>Remove from list.</i>
							*
							26/03
28660	- Buoy EC-B1						<i>Remove from list.</i>
							*
							26/03
28665	- Buoy EC-B2						<i>Remove from list.</i>
							*
							26/03
28670	- Buoy EC-C						<i>Remove from list.</i>
							*
							26/03
28675	- Buoy EC-D						<i>Remove from list.</i>
							*
							26/03
<b>CARRABELLE TO APALACHICOLA BAY (Chart 11404)</b>							
<b>St. George Sound</b>							
28691	- LIGHT 2		Fl R 4s	17	4	TR-TY on pile.	Ra ref.
							*
							26/03
28770	- Daybeacon 25					SG-SY on pile.	Ra ref.
							*
							26/03
28960	- LIGHT 70		Fl R 2.5s	16	3	TR-TY on dolphin.	Ra ref.
							*
							26/03
30150	- LIGHT 28		Q R	17	3	TR-TY on pile.	Ra ref.
							*
							26/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
31930	- Daybeacon 52				TR-TY on pile.	Ra ref.	*
							26/03
	<b>*Add Heading: *New Orleans - Port Arthur</b>						
*33743	- RANGE FRONT LIGHT	30 06 28 N 93 18 19 W	Q G	20	4	KRW-I on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
							26/03
*33744	- RANGE REAR LIGHT 192 yards, 046.4° from front light.	30 06 32 N 93 18 14 W	F G	37		KRW-I on skeleton tower on piles.	Visible all around; higher intensity on rangeline.
							26/03
	<b>*Delete Heading: *New Orleans - Port Arthur</b>						
33745 20905	DEVILS ELBOW JUNCTION LIGHT 150 feet outside channel limit.	30 06 14 N 93 18 26 W	Fl (2+1) R 6s	23	3	JR-TY on skeleton tower.	
							26/03

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
183	<i>La Conchita Ocean Physics Research Lighted Buoy</i>	34 20 05 N 119 28 16 W	Fl Y 4s	6		Yellow	Private aid. Ra ref.
		*					26/03
*3187.1	- LIGHT D	33 42 34 N 118 16 11 W	Fl W 3s	15	4		Private aid.
							26/03
3188	- LIGHT E	33 42 30 N 118 16 18 W	Fl W 4s	15	6	NW on steel post.	
		*		*			26/03
*4480.4	- Lighted Mooring Buoy E	37 50 35 N 122 21 49 W	Fl W 4s				Private aid.
							26/03
*4480.5	- Lighted Mooring Buoy F	37 49 46 N 122 21 24 W	Fl W 2s				Private aid.
							26/03
*4480.6	- Lighted Mooring Buoy G	37 49 57 N 122 21 35 W	Fl W 2s				Private aid.
							26/03
11486	- Upper Range Buoy 35	45 33 56 N 122 26 29 W	Fl G 2.5s	3		Green.	
		*		*		*	26/03

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11586	Corbett Daybeacon 62						Remove from list.
							*
							26/03
11685	- Buoy 83	45 35 00 N 122 06 30 W	Fl G 4s		4	Green.	
				*	*	*	
							26/03
14555	- EAST LIGHT 3	46 11 03 N 123 54 21 W	Fl G 4s		14	5 SG on dolphin.	Ra ref.
				*			
							26/03
<b>Lahaina</b>							
28460	- Light	20 52 20 N 156 40 43 W	Fl R 6s		44	7 On white pyramidal concrete tower. 39	Obscured from 142° to 333°.
				*	*	*	
							26/03

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16850	NOAA Lighted Weather Buoy 45004	47 34 19 N 86 32 59 W	Fl (4) Y 20s			Yellow disc-shaped hull with tripod mast.	Replaced by nun from Nov. 1 to Apr. 1.
				*			
							26/03
16880	NOAA Lighted Weather Buoy 45001	48 04 19 N 87 46 35 W	Fl (4) Y 20s 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 1.5s ec. 1s fl 11.5s ec.			Yellow disc-shaped hull with tripod mast.	Replaced by nun from Nov. 1 to Apr. 1.
				*			
							26/03
<b>SOUTH HAVEN TO STONY LAKE (Chart 14906)</b>							
<b>Saugatuck</b>							
19445	- SOUTH PIERHEAD LIGHT	42 40 36 N 86 12 54 W	Fl R 4s	30	7	Cylindrical structure with red band.	HORN: 1 blast ev 15s (2s bl). Maintained from Apr. 15 to Nov. 15. Operates by keying microphone 5 times on VHF channel 79.
				9			
							*
							26/03
19920	Morgan Shoals Lighted Buoy 2	41 48 39 N 87 34 28 W	Fl R 2.5s			Red.	Maintained from Apr. 1 to Nov. 1.
				*	*	*	
							26/03

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
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## SECTION II

### CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15816 <i>J 6024</i>	Serranilla Bank.	15° 47.7' N 79° 50.7' W	Fl.(2)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 16s	108 33	25	White tower, red bands.	
RACON		Z(---)		*			26/03
	*	*					
16960 <i>J 6452</i>	-Isla Alcatraz.	10° 30.5' N 67° 58.5' W	Fl.W. period 10s fl. 1s, ec. 9s	52 16	11	White iron framework tower, orange bands.	
-RACON		M(--)		*	*		26/03
	*	*					

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2640 <i>F 7243.7</i>	Echizen Sirahama Ko, No. "1" breakwater.	35° 54.1' N 135° 59.8' E	Fl.(2)G. period 6s	33 10	5	White tower; 31.	
		*		*	*	*	26/03
2812 <i>F 7214</i>	Kazanasi, breakwater, head.	37° 08.2' N 136° 41.3' E	Iso.G. period 6s	46 14	4	White tower; 31.	
	*			*	*	*	26/03
2816 <i>F 7216</i>	Togi Ko, breakwater, head.	37° 08.6' N 136° 42.0' E	Fl.(2)G. period 6s	39 12	5	White tower; 29.	
	*	*	*	*	*	*	26/03
2824 <i>F 7212.4</i>	Noto-Akasaki Ko, breakwater, head.	37° 10.0' N 136° 40.5' E	Fl.G. period 3s	39 12	3	White tower; 28.	
	*			*	*	*	26/03
2980 <i>F 7182.6</i>	Bagura, E. breakwater, head.	37° 10.1' N 137° 02.0' E	Fl.G. period 4s	33 10	3	White tower; 31.	
	*	*		*	*	*	26/03
2984 <i>F 7173</i>	Enome Ko, No. "1" breakwater, head.	37° 09.2' N 137° 03.1' E	Fl.(2)R. period 5s	39 12	5	Red tower; 31.	
	*	*		*	*	*	26/03

#### TOYAMA WAN:

3036 <i>F 7168</i>	-Ettyu Tomari Ko, breakwater.	36° 53.7' N 137° 00.6' E	Fl.(2)R. period 5s	23 7	3	Red tower; 18.	
	*	*		*	*	*	26/03
4741 <i>F 6492.4</i>	-Kashima Ko.	35° 57.2' N 140° 41.4' E	Dir.F.Iso.W.R.G. period 4s	56 17	13	White tower, red bands; 52.	R. 216°20'-220°20', W.- 224°20', G.-228°20'.
	*	*		*	*	*	26/03

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## SECTION II

### CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*6110.9 -Southwestwards. <i>F 6138.6</i>		34° 50.1' N 136° 48.7' E	Mo.(U)W. period 8s	30 9	4		26/03
6428 Yatorino Se, on rock. <i>F 6033.31</i>		34° 16.6' N 136° 48.8' E	Fl.(2)W. period 5s	30 9	3	ISOLATED DANGER BRB, beacon, topmark.	26/03
	*		*		*		26/03
7060 -Tatibana Ko. <i>F 5575.4</i>		33° 52.6' N 134° 40.4' E	Iso.W. period 6s	125 38	5	White tower; 33.	26/03
	*	*	*		*	*	26/03
8864 Toyosima Ko, No. "1" breakwater. <i>F 5696.4</i>		34° 10.5' N 132° 48.0' E	Oc.G. period 4s	46 14	9	White tower; 33.	F.R., F.G. and F.Y. lights mark bridge 0.5 mile S.
	*		*		*	*	26/03
12884 --Breakwater, W. head. <i>F 5005</i>		32° 37.5' N 128° 46.3' E	Fl.G. period 3s	33 10	4	White tower; 20.	
	*		*		*	*	26/03

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
PAGASITIKOS KOLPOS:							
16528 -Akra Kavoulia. <i>E 4442</i>		39° 06.0' N 23° 03.0' E	L.Fl.(3)W. period 20s fl. 2s, ec. 3s fl. 2s, ec. 3s fl. 2s, ec. 8s	72 22	20	Square tower and dwelling; 46.	
			*		*		26/03

### CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*2266 -Brygge. <i>B 3277.32</i>		58° 58.4' N 5° 45.1' E	F.G.		Floodlit.		26/03
2308 -Knibringen, Idsefjord. <i>B 3304</i>		59° 00.3' N 5° 54.5' E	Oc.(2)W.R.G. period 8s	23 7	W. 10 R. 8 G. 8	White lantern.	R. 223°-270°, W.-277°, G.-071°, W.-074°30', R.-122°30'.
	*				*		26/03
2316 -Klovningen. <i>B 3308</i>		59° 01.6' N 5° 46.5' E	Oc.(2)W.R.G. period 8s	45 14	W. 12 R. 9 G. 9	White lantern.	R. 049°-064°30', W.-078°, G.- 190°, R.-206°30', W.-208°30', G.-254°, W.-285°, R.-295°, W.-302°, G.-316°30'.
	*				*		26/03

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## SECTION II

### CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2332 <i>B 3309</i>	-Amoy, Fuglaneset.	59° 02.9' N 5° 46.5' E	Oc.W.R.G. period 6s	14 4	9	Beacon.	R. 128°-130°, W.-134°, G.-190°, W.-192°, R.-222°, G.-229°, W.-233°, R.-339°30', W.- 347°30', G.-351°.
	*				*		*
2348 <i>B 3311</i>	-Linesund, Torrskjaeret, sound, E. side.	59° 02.6' N 5° 40.8' E	Oc.W.R.G. period 6s	13 4	W. 9 R. 6 G. 6	White lantern, concrete base.	R. 319°30'-333°, W.-335°, G.- 039°, R.-042°, G.-076°, R.- 116°, W.-120°, G.-194°30', R.-235°.
	*				*		*
2380 <i>B 3318</i>	-Kvernanes, entrance to Tau.	59° 03.8' N 5° 54.4' E	Oc.W.R.G. period 6s	15 5	W. 6 R. 4 G. 3	White lantern on tripod.	W. 215°-265°, G.-345°30', R.- 019°, W.-086°, R.-105°.
	*				*		*
							26/03

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*848 <i>C 0414.5</i>	Uddevalla Bridge, N. pylon.	58° 19.6' N 11° 50.5' E	V.Q.W.			Top of pylon.	Pylons and wires marked by FR lights.
							26/03
*848.1	-N. fairway limit.	58° 19.5' N 11° 50.6' E	F.R.			On bridge.	
							26/03
*848.2	-S. fairway limit.	58° 19.5' N 11° 50.7' E	F.G.			On bridge.	
							26/03
*848.3	-S. pylon.	58° 19.5' N 11° 50.8' E	V.Q.W.			Top of pylon.	
							26/03
5376 <i>C 2358</i>	-Malmo Vagbrytarbank, NE. corner.	55° 37.5' N 12° 58.8' E	Iso.W.R.G. period 10s	36 11	W. 14 R. 10 G. 9	White tower; 39.	W. 054°30'-056°30', R.-067°, G.-077°30', W.-090°, R.-129°, G.-136°30', W.-151°, R.-206°, G.-278°, W.-287°, R.-329°, G.-054°30'. Unintensified 223°-041°30'. Shown by day Nov. 1 thru Mar. 31.
	*				*		*
							26/03
*6464 <i>C 2781.5</i>	-Pier head.	53° 26.9' N 14° 35.1' E	Iso.G. period 2s	26 8	3	Green mast.	
							26/03
7428 <i>C 7517</i>	-Vagga Sodra.	56° 09.0' N 14° 53.0' E	Fl.(3)W.R.G. period 9s	18 5	W. 6 R. 4 G. 3	White post.	R. 009°-120°, W.-224°, R.-309°, G.-348°, W.-009°.
					*		26/03

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## SECTION II

### CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13180	-Dubovsky. <i>C 5539.4</i>	60° 40.2' N 28° 38.9' E	FIG. period 2s	19 6	2	Green column; 10.	
	*						26/03

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## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 26/03

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
<b>NIMA HYDRO CATALOG CATP2V01U</b> Region 1	2002	1*,2,3,4,7,8,9,10,11, 14,15,17,19,20,21, 22,23,24,25,26/03	SDPUB145	2000	13*,14,18,19,22,26, 32,37,38,46,47,51, 53/00;1,4,5,7,10,12, 28,29,35,52/01;14, 27/02	COMDTM165026	2003	18*,19,20,21,22,23, 24,25,26/03
Region 2	2002	1*,8,15,17,20,21,22, 23,24,26/03	SDPUB147	2001	35/01*:21,22,23, 24/02	COMDTM165027	2003	18*,20,21,22,23,24, 26/03
Region 3	2002	1/03*	SDPUB148	2001	48/01*:23,24/02; 22/03	<b>FLEET GUIDES</b>		
Region 4	2002	1*,23/03	SDPUB153	2000	6/01*:28,30,41,44, 46,47,48,52/02;1,3, 4,8,13,15,22,25/03	FGPUB940ATL	2001	N47/01*
Region 5	2002	1*,3,5,8,22/03	SDPUB154	2002	17*,19,31,42,44,45, 46,48,50/02;3,14,19, 23/03	FGPUB941PAC	2001	N22/01*
Region 6	2002	1*,10,11,13,16,19, 20,21,25/03	SDPUB155	2001	31*,48/01;10,45, 46/02	<b>NOS MISCELLANEOUS PUBLICATIONS</b>		
Region 7	2002	1*,11,15/03	SDPUB159	2002	42*,48/02	NOSPBCATALOG1	2000	20/00*
Region 8	2002	1*,14/03	SDPUB160	2002	47*,48,49,52/02;6,8, 10,11,19,21,22, 23/03	NOSPBCATALOG2	2000	34/00*
Region 9	2002	1/03*	SDPUB161	2002	23*,24,44,47,48/02; 5,12/03	NOSPBCATALOG3	2000	28/00*
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12, 13,15,17,18,19,20, 21,23,24,25/03	SDPUB162	2001	51/01*:5,12/03	NOSPBCATALOG4	2000	34/00*
<b>NIMA LIST OF LIGHTS</b>			SDPUB163	2002	18*,20,21,26,46, 51/02;13,24,26/03			
LLPUB110	2003	7*,8,9,11,13,14,15, 16,17,18,20,21,23, 24,25,26/03	SDPUB164	2000	30/00*:31,35,36/01; 8/03	<b>ALMANACS</b>		
LLPUB111	2002	35*,36,37,38,39,40, 41,42,43,44,45,46, 47,48,50,51,52/02;1, 2,3,4,5,6,7,8,9,10, 12,15,16,17,18,19, 20,21,22,23,24, 25/03	SDPUB171	2001	40*,47,48,52/01;5,9, 14,16,41/02;23,24, 26/03	AIRALMANAC301	2003	44/02*
LLPUB112	2003	4*,5,6,7,8,9,10,11, 12,13,14,15,16,17, 18,19,20,21,22,23, 24,25,26/03	SDPUB172	2001	1*,2,3,5,6,7,8,9,14, 15,16,17,18,19,20, 22,24/02;1,11,12,13, 14,15,19,20,22,23, 25,26/03	NAUTALMANAC03	2003	44/02*
LLPUB113	2002	45*,47,48,50,51, 52/02;1,2,3,4,5,6,7, 8,10,11,12,13,14,15, 16,17,18,19,20,21, 22,23,24,25,26/03	SDPUB173	2002	50*,51/02;3,22,24, 25,26/03	<b>COAST PILOT</b>		
LLPUB114	2003	17*,19,21,22,23, 24/03	SDPUB174	2000	7*,19,37,45,51, 52/01;1,5,14,19,22, 28,33,37,38,48/02	NOSPBCP1	32	37*,39,41,47,51/01; 1,5,7,13,18,33,37, 39,42,45,49,51/02;3, 9,10,18,20,26/03
LLPUB115	2002	39*,40,41,44,45,50, 51,52/02;1,15,19,20, 26/03	SDPUB175	2001	41*,43,45,51/01;8, 11,12,13,14,16,17, 21,27,37,41,49/02; 26/03	NOSPBCP2	32	17*,18,21,22,26/03
LLPUB116	2003	24*,26/03	SDPUB180	2002	32*,33,42,47,48, 50/02;6,13,14,17,21, 24/03	NOSPBCP3	35	3*,5,7,12,15,17,18, 21,22,27,28,33,37, 42,45,49,51/02;3,10, 12,13,14,18,20/03
<b>SAILING DIRECTIONS</b>			SDPUB181	2002	38*,39/02	NOSPBCP4	34	49*,51/02;12,14,18, 20,21,22/03
CDPUBSD125	2003	19/03*	SDPUB182	2001	8*,10,12,41/02; 17/03	NOSPBCP5	30	2*,6,10,12,14,18, 20/03
CDPUBSD131	2002	9/03*	SDPUB183	2001	27/01*:13,15,16/02; 18/03	NOSPBCP6	33	23/03*
CDPUBSD146	2002	4/03*	SDPUB191	2000	5*,7,8,9,10,11,12, 13,14,15,16,17,18, 19,20,22,23,27,28, 29,30,31,33,34,36, 44,45,47,48/01;10, 14,15,16,17,42, 50/02;2,9,12,15,18, 22/03	NOSPBCP7	34	1*,3,10,18,20,21, 22/03
CDPUBSD157	2003	17/03*	SDPUB192	2000	14*,16,17,18,24,26, 31,36,38,39,46/00/4, 14,17,21,22,23,25, 26,28,30,31,32/01; 11,12,13,14,15,16, 22,23,27,36,37,42, 48,52/02;4,5,6,7,8, 13/03	NOSPBCP8	24	3*,5,16,17,19,23,33, 37,40,47,50,51/02;9, 18/03
CDPUBSD158	2003	24/03*	SDPUB193	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23/03	NOSPBCP9	20	12*,20,23,33,37,45, 50,51/02;3,6,9,10, 14,18,20/03
CDPUBSD194	2002	6*,8,15,17/03	SDPUB195	2002	33*,40,49,51,52/02;	<b>RADIO NAVIGATIONAL AIDS</b>		
SDPUB120	2001	12*,18,48,49,51/01; 8,13,14,21,22,24,29, 33,35,37,42,43,44, 45,47/02;4,6,7,8,9, 10,11,12,14,17,20, 21,23/03	SDPUB200	2002	1,2,3,15,16,21/03	RAPUB117	2002	50/02*;13/03
SDPUB123	2001	45*,47,48/01;1,14, 17,18,19/02;24, 25/03	SDPUB196	2000	38*,39,42/02;22/03	<b>AMERICAN PRACTICAL NAVIGATOR</b>		
SDPUB124	2001	18*,44,45,47,48,49, 52/01;17,19,20,21, 29,30,31,34,46, 50/02;24,25/03	SDPUB197	2000	13/03	NVPUB9	2002	36/02*;14/03
SDPUB126	2002	39*,41,42,43,44,45, 48/02;24,26/03	SDPUB198	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23/03	<b>INTERNATIONAL CODE OF SIGNALS</b>		
SDPUB127	2000	37*,38/00;18,33,40, 44,45,48,49,52/01;1, 11,13,17,18,27,33, 34,37,41,47,49,	SDPUB199	2000	13/03	CDPUBNV102	2003	20/03*
SDPUB132	2000	51/02;5,03	SDPUB200	2002	38*,39,42/02;22/03	<b>WORLD PORT INDEX</b>		
SDPUB132	2000	39*,45/00;16,17,31, 35/01;1,12,21,25, 26/02;2,10/03	SDPUB201	2000	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23/03	NVPUB150	2000	50/00*;14,15,16,20, 21,41,42,43,44,45, 46,47,48,49,51, 52/01;1,2,5,6,10,11, 12,16,19,21,22,27, 31,32,33,36,39,40, 42,46,49/02;2,7,10, 15,20/03
SDPUB140	2001	21*,48,49,51/01;8, 17,23,32,42,43,44, 46,47,48,50/02;4,6, 7,8,9,11,12,15,19, 21,22,23,24,25, 26/03	SDPUB202	2002	27*,38,49/00;9,26, 27,31,32/01;14,15, 26,52/02;18,19,20, 23/03	<b>DISTANCES BETWEEN PORTS</b>		
SDPUB141	2001	21*,38/01	SDPUB203	2003	17*,18,19,20,21,22, 24,25,26/03	NVPUB151	2001	4/02*
SDPUB142	2000	49/00*;3,31,35/01; 1,15,43/02	SDPUB204	2003	17*,18,19,20,21,22,23, 24,25,26/03	<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b>		
SDPUB143	2000	8*,10,19,29/00;16, 26/01;1,25/02;9/03	SDPUB205	2002	16/02*	CDPUBNV1310	2001	51/01*

**SIGHT REDUCTION TABLES (MARINE)**

SRPUB229V1	1970	11/71*
SRPUB229V2	1970	11/71*
SRPUB229V3	1970	7/71*
SRPUB229V4	1970	3/71*
SRPUB229V5	1970	3/71*
SRPUB229V6	1970	23/70*

**SIGHT REDUCTION TABLES (AIR)**

SRPUB249V1	2000	4/01*
SRPUB249V2	1952	46/52*
SRPUB249V3	1952	46/52*

## SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 26/03**

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
<b>CHART NO. 1</b> WOBZC1	1997	18/98*		
<b>CHART NO. 4</b> WOBZC4	1988	N23/91*		
<b>ATLAS OF PILOT CHARTS</b> NVPUB107                    1998 30/99* NVPUB109                    2001 49/02*				
<b>USCG NAVIGATION RULES</b> COMDTM166722D            1999 44/99*,52/00				
<b>NOS TIDE TABLES</b> NOSPBTTCWPACIN3        2003 N4/03* NOSPBTTECSTNSA3        2003 N4/03* NOSPBTTEURAFR3        2003 N4/03* NOSPBTWCSTNSA3        2003 N4/03*				
<b>TIDAL CURRENT TABLES</b> NOSPBTCTATCSTN3        2003 N4/03* NOSPBTCTPACAS3        2003 N4/03*				

## SECTION III

NM 26/03

### BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

#### NAVAREA IV

Messages in force 121100Z June 2003:

2001 series	219(GEN)	108(26,27)	225(GEN)	231(14)	237(GEN)
393(GEN)	468(GEN)	151(24)	227(11,26)	234(GEN)	
2002 series	2003 series	210(11)	228(11,26)	236(11)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

#### NAVAREA IV WARNINGS issued from 131200Z March to 121100Z June 2003.

102/03 thru 107/03. CANCELED.

108/03(26,27). GUANTANAMO BAY NAVAL DEFENSE SEA AREA.  
AT NO TIME SHALL ANY SHIP OR OTHER CRAFT, OTHER THAN PUBLIC SHIPS OF THE UNITED STATES, BE NAVIGATED INTO GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA, UNLESS AUTHORIZED BY THE SECRETARY OF THE NAVY. COMMANDER, U.S. NAVAL BASE, GUANTANAMO BAY, CUBA, HAS BEEN AUTHORIZED TO ACT ON REQUESTS FROM VESSELS WHOSE NORMAL LEGITIMATE BUSINESS REQUIRES ENTRY INTO GUANTANAMO BAY. U.S. NAVAL BASE GUANTANAMO MAINTAINS A COMMUNICATIONS GUARD "GUANTANAMO BAY PORT CONTROL" ON MARINE BAND VHF CHANNEL 12 (156.6MZ) AND 16 (156.8MZ). THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA IS DESCRIBED AS FOLLOWS: THE TERRITORIAL WATERS WITHIN GUANTANAMO BAY, CUBA BETWEEN HIGH AND LOW WATER MARK AND THE SEA AND IN AND ABOUT THE ENTRANCE CHANNEL WITHIN A LINE BEARING TRUE SOUTH EXTENDING THREE NAUTICAL MILES FROM THE SHORE LINE OF THE EASTERN BOUNDARY OF GUANTANAMO NAVAL RESERVATION (LONGITUDE 75 DEGREES 05 MINUTES 15 SECONDS) AND A LINE BEARING TRUE SOUTH EXTENDING THREEE NAUTICAL MILES FROM THE SHORELINE OF THE WESTERN BOUNDARY OF THE SAID NAVAL RESERVATION (LONGITUDE 75 DEGREES 14 MINUTES 00 SECONDS) AND A LINE JOINING THE EXTREMITIES OF THE ABOVE TWO BEARING LINES, AND HEREBY SET APART AND RESERVED AS A NAVAL DEFENSIVE SEA AREA. ALL VESSELS ARE DIRECTED TO STAND CLEAR OF THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA.

(212251Z MAR 2003)

109/03 thru 150/03. CANCELED.

151/03(24). NORTH ATLANTIC. TRINIDAD.  
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V VERITAS VIKING AND M/V GULF PROVIDER TOWING 5100 METER LONG CABLE IN AREA BOUND BY 09-50.87N 060-55.64W, 10-17.28N 060-54.93W, 10-16.58N 060-19.02W, 09-52.84N 060-18.99W, 09-49.73N 061-03.60W. WIDE BERTH REQUESTED.

(111555Z APR 2003)

152/03 thru 209/03. CANCELED.

210/03(11). GULF OF MEXICO. TEXAS.  
1. UNDERWATER OPERATIONS 020501Z TO 140459Z JUN BY VESSELS WITH SUBMERSIBLE IN AREAS BETWEEN:  
A. 27-38.9N 27-41.5N AND 096-59.2W 097-04.8W.  
B. 27-35.7N 27-40.0N AND 096-51.5W 096-54.5W.  
2. CANCEL THIS MSG 140559Z JUN.

(300810Z MAY 2003)

211/03 thru 224/03. CANCELED.

225/03(GEN).  
1. NAVAREA IV MESSAGES IN FORCE 061000Z JUN 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2003 SERIES: 189(11), 207(11,26), 210(11), 213(25), 214(26), 217(GEN), 218(13,14), 219(25,51), 220(GEN), 221(11).  
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.  
3. CANCEL NAVAREA IV 346/02, 351/02, 212/03.

(061005Z JUN 2003)

SECTION III

226/03. CANCELED.

227/03(11.26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0400Z TO 0359Z COMMENCING DAILY  
09 THRU 16 JUN IN AREA BOUND BY  
30-45N 080-54W, 30-45N 080-11W,  
30-36N 080-11W, 30-34N 080-33W.
- B. 0400Z TO 0359Z COMMENCING DAILY  
09 THRU 16 JUN IN AREA BETWEEN  
29-10N 29-20N AND 079-40W 079-50W.
- C. 1300Z TO 0600Z COMMENCING DAILY  
13 THRU 17 JUN IN AREA BETWEEN  
30-00N 29-50N AND 081-00W 080-50W.
- D. 101400Z TO 101700Z JUN IN AREA BOUND BY  
30-35N 081-21W, 30-35N 081-00W,  
30-00N 081-02W, 30-00N 081-15W.

2. CANCEL THIS MSG 180700Z JUN.

(070128Z JUN 2003)

228/03(11.26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

- A. 0400Z TO 0359Z COMMENCING DAILY  
09 THRU 15 JUN IN AREA BOUND BY  
30-45N 080-54W, 30-45N 080-11W,  
30-36N 080-11W, 30-34N 080-33W.
- B. 0400Z TO 0359Z COMMENCING DAILY  
09 THRU 15 JUN IN AREA BETWEEN  
29-10N 29-20N AND 079-40W 079-50W.
- C. 1300Z TO 0600Z COMMENCING DAILY  
13 THRU 16 JUN IN AREA BETWEEN  
30-00N 29-50N AND 081-00W 080-50W.
- D. 101400Z TO 101700Z JUN IN AREA BOUND BY  
30-35N 081-21W, 30-35N 081-00W,  
30-00N 081-02W, 30-00N 081-15W.

2. CANCEL NAVAREA IV 227/03.

3. CANCEL THIS MSG 170700Z JUN.

(091020Z JUN 2003)

229/03 and 230/03. CANCELED.

231/03(14). NORTH ATLANTIC.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V ODIN EXPLORER TOWING 4.5 MILE LONG CABLE  
IN AREA BETWEEN 48-00N 49-35N AND 46-50W 49-25W.  
WIDE BERTH REQUESTED.

(091802Z JUN 2003)

232/03 and 233/03. CANCELED.

234/03(GEN). GPS SATELLITE SYSTEM.  
PRN 05 UNUSABLE.

(112104Z JUN 2003)

235/03. CANCELED.

236/03(11). LOUISIANA. RADIO SERVICES.

1. U.S. COAST GUARD STATION NEW ORLEANS HF DSC  
UNRELIABLE 161200Z JUN TO 081200Z SEP.
2. CANCEL THIS MSG 081300Z SEP.

(120940Z JUN 2003)

237/03(GEN). NORTH ATLANTIC. RADIO SERVICES.

1. U.S. COAST GUARD STATIONS BOSTON, PORTSMOUTH AND MIAMI HF DSC  
UNRELIABLE 161400Z TO 161500Z AND 191600Z TO 200001Z JUN.
2. CANCEL THIS MSG 200101Z JUN.

(120950Z JUN 2003)

## SECTION III

### HYDROLANTS

Messages in force 121100Z June 2003:

2000 series	2354(53)	604(26,27)	938(51)	1072(52)	1134(35)
2937(38)	2673(GEN)	635(51)	941(54)	1074(35)	1135(53)
3762(43)	2682(51)	675(37)	948(57)	1080(56)	1136(37)
4265(44)	2848(37)	722(55)	978(52)	1088(57)	1138(53)
2001 series	2869(52)	738(35)	994(35)	1092(44)	1139(36,51)
611(44)	2882(54)	749(55)	1009(53,56)	1096(24)	1140(42)
1798(37)	2883(54)	754(37)	1010(51)	1101(43)	1141(24)
2659(GEN)	2003 series	854(52,53)	1017(56)	1103(GEN)	1142(36)
2700(37)	41(37)	863(51)	1027(56)	1106(52)	1143(53)
3161(44)	65(53)	867(37)	1028(56)	1111(23,29)	1146(57)
2002 series	67(37)	874(36)	1039(54)	1116(52)	1147(GEN)
245(GEN)	76(54)	875(55)	1048(57)	1117(37)	1148(24)
246(GEN)	317(37)	903(36)	1056(52,53)	1123(52)	1149(24)
383(53)	390(22)	917(55)	1057(53)	1124(55)	1150(37)
946(53)	490(51)	925(53)	1067(52)	1126(44)	1152(57)
1485(24)	544(55)	927(GEN)	1068(52)	1131(24)	
2203(51)	563(37)	929(43)	1070(57)	1133(51)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.  
Warnings issued during the subsequent quarter are issued in NM 13/03.

### HYDROLANT WARNINGS issued from 131200Z March to 121100Z June 2003.

557/03 thru 562/03. CANCELED.

563/03(37). NORTH SEA.

CHART 37165 (2ND ED).

1. DANGEROUS WRECK REPORTED IN 54-02.12N 004-45.85E MARKED BY:

- A. EAST CARDINAL BUOY.
- B. TWO WEST CARDINAL BUOYS, ONE WITH RACON (D).
- C. NORTH CARDINAL BUOY.
- D. SOUTH CARDINAL BUOY.

2. CANCEL HYDROLANT 234/03.

(141550Z MAR 2003)

564/03 thru 603/03. CANCELED.

604/03(26,27). GUANTANAMO BAY NAVAL DEFENSE SEA AREA.

AT NO TIME SHALL ANY SHIP OR OTHER CRAFT, OTHER THAN PUBLIC SHIPS OF THE UNITED STATES, BE NAVIGATED INTO GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA, UNLESS AUTHORIZED BY THE SECRETARY OF THE NAVY. COMMANDER, U.S. NAVAL BASE, GUANTANAMO BAY, CUBA, HAS BEEN AUTHORIZED TO ACT ON REQUESTS FROM VESSELS WHOSE NORMAL LEGITIMATE BUSINESS REQUIRES ENTRY INTO GUANTANAMO BAY. U.S. NAVAL BASE GUANTANAMO MAINTAINS A COMMUNICATIONS GUARD "GUANTANAMO BAY PORT CONTROL" ON MARINE BAND VHF CHANNEL 12 (156.6MZ) AND 16 (156.8MZ). THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA IS DESCRIBED AS FOLLOWS: THE TERRITORIAL WATERS WITHIN GUANTANAMO BAY, CUBA BETWEEN HIGH AND LOW WATER MARK AND THE SEA AND IN AND ABOUT THE ENTRANCE CHANNEL WITHIN A LINE BEARING TRUE SOUTH EXTENDING THREE NAUTICAL MILES FROM THE SHORE LINE OF THE EASTERN BOUNDARY OF GUANTANAMO NAVAL RESERVATION (LONGITUDE 75 DEGREES 05 MINUTES 15 SECONDS) AND A LINE BEARING TRUE SOUTH EXTENDING THREEE NAUTICAL MILES FROM THE SHORELINE OF THE WESTERN BOUNDARY OF THE SAID NAVAL RESERVATION (LONGITUDE 75 DEGREES 14 MINUTES 00 SECONDS) AND A LINE JOINING THE EXTREMITIES OF THE ABOVE TWO BEARING LINES, AND HEREBY SET APART AND RESERVED AS A NAVAL DEFENSIVE SEA AREA. ALL VESSELS ARE DIRECTED TO STAND CLEAR OF THE GUANTANAMO BAY NAVAL DEFENSIVE SEA AREA.

(212253Z MAR 2003)

605/03 thru 634/03. CANCELED.

635/03(51). NORTH ATLANTIC. ISLAS CANARIAS.

1. SEISMIC SURVEY IN PROGRESS UNTIL 01 JUL BY M/V RAMFORM EXPLORER TOWING 5200 METER LONG CABLE IN AREA BOUND BY 28-20N 013-18W, 28-31N 013-35W, 29-30N 012-40W, 29-20N 012-23W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 02 JUL.

(252055Z MAR 2003)

## SECTION III

636/03 thru 674/03. CANCELED.

675/03(37). ENGLISH CHANNEL.  
SURVEY OPERATIONS IN PROGRESS UNTIL  
FURTHER NOTICE BY M/V ELINOR TOWING  
CABLE IN AREA BOUND BY 50-09N 001-00W,  
50-30N 001-00W, 50-37N 000-20W,  
50-14N 000-20W. WIDE BERTH REQUESTED.

(311900Z MAR 2003)

676/03 thru 721/03. CANCELED.

722/03(55). DARDANELLES.

1. PIPELAYING OPERATIONS 12 APR THRU 12 JUL  
ALONG TRACKLINE BETWEEN  
40-59.8N 029-00.2E AND 41-00.0N 028-59.6E.
2. CANCEL HYDROLANT 573/03.
3. CANCEL THIS MSG 13 JUL.

(071140Z APR 2003)

723/03 thru 737/03. CANCELED.

738/03(35). ORKNEY ISLANDS.  
CHART 35200 (7TH ED).

1. TOR NESS LIGHT 58-46.7N 003-17.6W  
CHANGED TO: FL W 5 SEC 17 MILES.
2. CANCEL HYDROLANT 733/03(23).

(091630Z APR 2003)

739/03 thru 748/03. CANCELED.

749/03(55). BLACK SEA.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 30 JUN BY  
M/V DIORIT AND M/V ISKATEL IN AREA BOUND BY  
44-54N 036-28E, 44-41N 036-27E,  
44-42N 035-57E, 44-57N 035-57E.  
TWO MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 496/03.
3. CANCEL THIS MSG 01 JUL.

(101150Z APR 2003)

750/03 thru 753/03. CANCELED.

754/03(37). FRANCE-NORTHWEST COAST.  
CHART 37050 (9TH ED).

1. SOUTHWEST BUOY RELOCATED TO 48-30N 005-45W.
2. CANCEL HYDROLANT 752/03(37).

(111040Z APR 2003)

755/03 thru 853/03. CANCELED.

854/03(52,53). WESTERN MEDITERRANEAN SEA.

F/V ELISEO SECONDO, SIX PERSONS ON BOARD, SINKING IN  
38-04.9N 009-08.2E. VESSELS IN VICINITY REQUESTED TO  
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO  
MRCC ROME, PHONE: 3906 5908 4527, FAX: 3906 5908 4793,  
CAGLIARI RADIO OR PALERMO RADIO.

(271340Z APR 2003)

855/03 thru 862/03. CANCELED.

863/03(51). NORTH ATLANTIC. GUINEA.

1. 18 PERSONS RECOVERED FROM CAPSIZED F/V POSIDON IN  
10-09.2N 015-06.4W AT 290500Z APR. THREE PERSONS  
REMAIN MISSING. VESSELS IN VICINITY REQUESTED TO  
KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO JRCC PIRAEUS, TELEX: 6012 11588,  
PHONE: 3021 0411 2500, FAX: 3021 0413 2398.
2. CANCEL HYDROLANT 860/03.

(290920Z APR 2003)

864/03 thru 866/03. CANCELED.

867/03(37). FRANCE-NORTHWEST COAST.

CHART 37050 (9TH ED).

1. NORTHEAST BUOY RELOCATED TO 48-59.5N 005-24.0W.
2. CANCEL HYDROLANT 843/03, AID RESTORED.

(292046Z APR 2003)

### SECTION III

NM 26/03

868/03 thru 873/03. CANCELED.

874/03(36). NORTH ATLANTIC.

1. DISTRESS SIGNAL RECEIVED ON 243 MHZ WITHIN  
11 MILES OF 45-09-23N 016-17-11W AT 301428Z APR.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO FALMOUTH COAST GUARD.
2. CANCEL HYDROLANT 873/03, SIGNAL CEASED.

(301630Z APR 2003)

875/03(55). BLACK SEA. GEORGIA.

1. THE FOLLOWING PORTS ARE TO BE CLOSED FOR ALL TYPES  
OF VESSEL TRAFFIC, EXCEPT THE TRANSPORT OF  
HUMANITARIAN AID CARGO:  
A. PORT OF SOKHUMI.  
B. PORT OF OCHAMCHIRE.  
C. WITHIN 12 MILES OF COASTLINE BETWEEN  
43-23.1N 040-00.4E AND 42-23.5N 041-33.4E.
2. ENTRANCE OF HUMANITARIAN AID CARGO BY VESSELS INTO THE  
GEORGIAN (ABKHAZIAN) TERRITORY IS PERMITTED BY AUTHORIZED  
VESSELS (FRONTIER GUARD, CUSTOMS, EPIDEMIOLOGIST AND OTHER)  
WITH A ONE-TIME PASS.
3. ALL VESSELS SHOULD ARRIVE INTO THE ANCHORAGE AREA OF  
POTI PRIOR TO CARRYING OUT THE AFOREMENTIONED ACTIVITIES.

(301635Z APR 2003)

876/03 thru 902/03. CANCELED.

903/03(36). ENGLAND-SOUTHWEST COAST.

CHART 36180 (23RD ED).  
WOLF ROCK LIGHT 49-56.7N 005-48.4W TEMPORARILY REPLACED  
BY WOLF ROCK LIGHTVESSEL, FL W 15 SEC 12 METERS 23 MILES,  
HORN 30 SEC, RACON (T) 10 MILES, IN 49-55.4N 005-48.8W.

(052300Z MAY 2003)

904/03 thru 916/03. CANCELED.

917/03(55). BLACK SEA.

1. GEOPHYSICAL SURVEY BY M/V TOPAZ 14 MAY THRU 20 JUN  
IN AREA BOUND BY 46-00N 030-30E,  
46-20N 031-00E, 46-00N 032-30E.
2. CANCEL THIS MSG 21 JUN.

(081257Z MAY 2003)

918/03 thru 924/03. CANCELED.

925/03(53). SARDEGNA-NORTHWEST COAST.

1. OCEANOGRAPHIC OPERATIONS 12 MAY THRU 31 JUL  
BY M/V GALATEA IN AREA BOUND BY  
41-17N 008-05E, 41-17N 008-55E,  
41-02N 008-55E, 40-49N 008-05E,  
40-49N 008-11E.
2. CANCEL HYDROLANT 916/03(24) AND 920(53,54).
3. CANCEL THIS MSG 01 AUG.

(100710Z MAY 2003)

926/03. CANCELED.

927/03(GEN). CAPE VERDE TO GUADELOUPE.

35 FOOT S/V GAMGEE, WHITE HULL WITH BLUE TRIM, TWO  
PERSONS ON BOARD, UNREPORTED CAPE VERDE TO GUADELOUPE.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO RCC NORFOLK,  
PHONE: 757 398 6231, FAX: 757 398 6392.

(101653Z MAY 2003)

928/03. CANCELED.

929/03(43). NORTH SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V CGG AMADEUS TOWING EIGHT 6000 METER LONG  
CABLES IN AREA BETWEEN 57-30N 57-50N AND  
000-50E 001-20E. WIDE BERTH REQUESTED.

(101735Z MAY 2003)

930/03 thru 937/03. CANCELED.

## SECTION III

938/03(51). MOROCCO.

CHART 51013 (4TH ED).

NAVIGATION PROHIBITED 130100Z MAY UNTIL  
FURTHER NOTICE IN AREA BOUND BY  
33-33.27N 007-45.00W, 33-36.30N 007-45.00W,  
33-40.08N 007-37.00W, 33-36.06N 007-37.00W.

(122004Z MAY 2003)

939/03 and 940/03. CANCELED.

941/03(54). ADRIATIC SEA.

MAN OVERBOARD FROM M/V BELE VICINITY 41-32.7N 017-34.8E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME,  
PHONE: 3906 5908 4527, FAX: 3906 5908 4793.

(131020Z MAY 2003)

942/03 thru 947/03. CANCELED.

948/03(57). GULF OF GUINEA.

1. SEISMIC SURVEY 15 MAY THRU 15 AUG BY M/V RAMFORM VALIANT  
TOWING TEN 6000 METER LONG CABLES IN AREA BOUND BY  
01-20S 008-00E, 01-20S 008-40E, 01-50S 008-55E,  
01-50S 008-05E. FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 181/03.
3. CANCEL THIS MSG 16 AUG.

(141800Z MAY 2003)

949/03 thru 977/03. CANCELED.

978/03(52). ALGERIA.

CHART 52263 (5TH ED).  
ILOT D' ARZEW LIGHT 35-52.6N 000-17.3W UNLIT.

(191240Z MAY 2003)

979/03 thru 993/03. CANCELED.

994/03(35). NORTH SEA.

PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V CASTORO SEI VICINITY OF TRACKLINE JOINING  
57-35.3N 001-46.3W, 57-34.7N 001-32.7W,  
57-56.9N 000-41.9W, 58-00.2N 000-22.9W.  
WIDE BERTH REQUESTED.

(211435Z MAY 2003)

995/03 thru 1008/03. CANCELED.

1009/03(53,56). SICILIA TO LIBYA.

1. PIPELINE OPERATIONS IN PROGRESS UNTIL 30 JUN BY  
M/V ODIN FINDER VICINITY OF TRACKLINE BETWEEN  
37-02.3N 014-17.6E AND 32-51.5N 012-14.8E.  
WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 1003/03.
3. CANCEL THIS MSG 01 JUL.

(231050Z MAY 2003)

1010/03(51). MOROCCO. GUNNERY.

1. GUNNERY EXERCISES 26 MAY THRU 24 JUN  
IN AREA BOUND BY  
28-46.3N 010-48.3W, 29-18.0N 011-06.0W,  
29-08.0N 011-28.0W, 28-42.5N 010-56.4W.
2. CANCEL THIS MSG 25 JUN.

(231120Z MAY 2003)

1011/03 thru 1016/03. CANCELED.

1017/03(56). EASTERN MEDITERRANEAN SEA.

CABLE LAYING OPERATIONS IN PROGRESS UNTIL FURTHER  
NOTICE ALONG TRACKLINE BETWEEN 32-53.0N 013-09.4E  
AND 33-14.2N 013-14.8E. WIDE BERTH REQUESTED.

(241253Z MAY 2003)

1018/03 thru 1026/03. CANCELED.

### SECTION III

NM 26/03

1027/03(56). EASTERN MEDITERRANEAN SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 JUN  
BY M/V RAMFORM CHALLENGER TOWING 6000 METER  
LONG CABLE IN AREA BOUND BY  
31-34.3N 029-00.6E, 31-34.5N 029-15.2E,  
31-44.5N 029-15.0E, 31-44.9N 029-42.7E,  
32-00.1N 029-42.5E, 32-12.7N 029-30.4E,  
32-13.6N 029-23.8E, 31-51.6N 029-00.3E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JUL.

(261255Z MAY 2003)

1028/03(56). EASTERN MEDITERRANEAN SEA. EGYPT.

- PIPELAYING OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE:
- A. ALONG TRACKLINE BETWEEN  
31-30.0N 030-17.5E AND 31-43.3N 030-25.5E.
  - B. IN AREA BETWEEN  
32-00N 32-20N AND 030-30E 030-55E.

(261332Z MAY 2003)

1029/03 thru 1038/03. CANCELED.

1039/03(54). ADRIATIC SEA.

1. SURVEY OPERATIONS IN PROGRESS UNTIL 12 JUN  
BY M/V URANIA IN AREA BETWEEN  
45-12N 45-15N AND 012-32E 013-17E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 13 JUN.

(280510Z MAY 2003)

1040/03 thru 1047/03. CANCELED.

1048/03(57). GULF OF GUINEA.

- UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V NORMAND PROGRESS VICINITY 03-48.0N 008-04.5E.  
WIDE BERTH REQUESTED.

(291920Z MAY 2003)

1049/03 thru 1055/03. CANCELED.

1056/03(52,53). SARDEGNA-SOUTH COAST. GUNNERY.

1. GUNNERY EXERCISES 0600Z TO 1800Z DAILY 03 THRU 06,  
09 THRU 13 AND 16 THRU 19 JUN IN AREA BOUND BY  
38-55-10N 008-42-30E, 38-50-00N 008-48-00E,  
38-46-15N 008-48-00E, 38-43-30N 008-41-15E,  
38-49-00N 008-26-00E, 38-56-10N 008-26-40E,  
38-57-00N 008-37-06E.
2. CANCEL THIS MSG 191900Z JUN.

(301800Z MAY 2003)

1057/03(53). SARDEGNA-EAST COAST. MISSILES. ROCKETS.

1. HAZARDOUS OPERATIONS:
  - A. 0700Z TO 1800Z DAILY 03 THRU 06, 09 THRU 13  
AND 16 THRU 20 JUN IN AREA BOUND BY  
40-00N 010-00E, 40-00N 010-30E,  
39-10N 010-30E, 39-10N 010-00E,  
39-26N 009-38E, 39-38N 009-38E.
  - B. 0700Z TO 1530Z DAILY 03 THRU 06, 09 THRU 13  
AND 16 THRU 20 JUN IN AREA BOUND BY  
40-15N 010-00E, 40-15N 011-31E,  
40-11N 011-33E, 39-32N 011-38E,  
38-52N 011-28E, 39-10N 010-00E,  
39-28N 009-38E, 39-43N 009-40E.
  - C. 0700Z TO 1530Z DAILY 03 THRU 06, 09 THRU 13  
AND 16 THRU 20 JUN IN AREA BOUND BY  
40-37N 009-50E, 40-40N 010-35E,  
40-40N 010-50E, 39-20N 010-50E,  
39-20N 009-47E, 39-24N 009-40E.
  - D. 0700Z TO 1530Z DAILY 03 THRU 06 JUN  
IN AREA BOUND BY 40-37N 009-54E,  
40-42N 011-17E, 40-11N 011-33E,  
39-46N 011-36E, 39-02N 010-17E,  
39-04N 010-08E, 39-26N 009-38E.
2. CANCEL THIS MSG 201900Z JUN.

(301805Z MAY 2003)

1058/03 thru 1066/03. CANCELED.

## SECTION III

1067/03(52). TUNISIA-EAST COAST.  
 CHART 52170 (3RD ED).  
 FISHING NET MARKED BY FOUR BUOYS  
 IN AREA BOUND BY  
 35-19.3N 011-08.9E, 35-18.8N 011-08.4E,  
 35-18.4N 011-08.9E, 35-18.8N 011-09.5E.

(311444Z MAY 2003)

1068/03(52). WESTERN MEDITERRANEAN SEA. ALGERIA.  
 1. CABLE REPAIR OPERATIONS 01 JUN UNTIL FURTHER NOTICE BY  
 CABLESHIP RAYMOND CROZE IN AREA BETWEEN  
 37-34N 37-28N AND 004-26E 004-36E.  
 2. CANCEL HYDROLANT 991/03(54).

(311716Z MAY 2003)

1069/03. CANCELED.

1070/03(57). SOUTH ATLANTIC.  
 F/V KAO FONG 287 REPORTS CREWMAN WITH SHARK BITE  
 REQUIRING MEDICAL ASSISTANCE IN 33-00S 008-00W.  
 VESSELS IN VICINITY ABLE TO PROVIDE MEDICAL ASSISTANCE  
 REQUESTED TO ASSIST IF POSSIBLE. REPORTS TO VESSEL,  
 CAPE TOWN RADIO OR MRCC CAPE TOWN.

(312148Z MAY 2003)

1071/03. CANCELED.

1072/03(52). ALGERIA.  
 CHART 52240 (9TH ED).  
 1. CAP BENGUT LIGHT 36-55.2N 003-53.5E UNLIT.  
 2. CANCEL HYDROLANT 1021/03.

(011300Z JUN 2003)

1073/03. CANCELED.

1074/03(35). IRELAND-NORTH COAST.  
 CHART 35016 (17TH ED).  
 ODAS BUOY, FL(5) Y 20S, ESTABLISHED IN  
 55-57.8N 008-04.0W.

(011620Z JUN 2003)

1075/03 thru 1079/03. CANCELED.

1080/03(56). EASTERN MEDITERRANEAN SEA. EGYPT.  
 1. GEOPHYSICAL SURVEY IN PROGRESS UNTIL 01 JUL  
 BY M/V FLYING ENTERPRISE IN AREA BOUND BY  
 31-36.5N 032-45.5E, 31-43.9N 029-53.8E,  
 31-47.5N 029-55.5E.  
 2. CANCEL HYDROLANT 1062/03(24).  
 3. CANCEL THIS MSG 02 JUL.

(021010Z JUN 2003)

1081/03 thru 1087/03. CANCELED.

1088/03(57). GULF OF GUINEA.  
 1. UNDERWATER OPERATIONS IN PROGRESS UNTIL  
 01 AUG BY M/V SEAWAY POLARIS  
 VICINITY OF TRACKLINE BETWEEN  
 04-42.6N 005-09.2E AND 04-37.4N 004-33.2E.  
 1.5 MILE BERTH REQUESTED.  
 2. CANCEL THIS MSG 02 AUG.

(040710Z JUN 2003)

1089/03 thru 1091/03. CANCELED.

1092/03(44). BALTIC SEA. GUNNERY.  
 1. GUNNERY EXERCISES SUNRISE TO SUNSET DAILY  
 09 THRU 12 JUN IN AREAS:  
 A. BOUND BY 58-00N 019-30E,  
 58-00N 019-45E, 57-23N 019-20E,  
 57-30N 018-45E, 57-48N 018-50E.  
 B. BETWEEN 56-30N 57-00N AND 019-00E 019-30E.  
 C. BETWEEN 57-30N 58-00N AND 020-00E 020-30E.  
 D. BETWEEN 55-20N 55-30N AND 017-20E 018-30E.  
 2. CANCEL THIS MSG 13 JUN.

(040920Z JUN 2003)

### SECTION III

NM 26/03

1093/03 thru 1095/03. CANCELED.

1096/03(24). BRAZIL-NORTH COAST.  
CHART 24270 (3RD ED).  
ILHA MANGUNCA LIGHT 01-37S 044-39W UNLIT.

(050840Z JUN 2003)

1097/03 thru 1100/03. CANCELED.

1101/03(43). NOWEGIAN SEA. ROCKETS.

1. HAZARDOUS OPERATIONS 06 THRU 22 JUN IN AREA  
BOUND BY 69-41N 014-48E, 69-51N 015-47E,  
69-25N 016-13E, 69-18N 015-41E.
2. CANCEL THIS MSG 23 JUN.

(051150Z JUN 2003)

1102/03. CANCELED.

1103/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 061000Z JUN 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2003 SERIES: 854(52,53), 863(51), 867(37), 874(36), 875(55), 903(36), 917(55), 925(53), 927(GEN), 929(43), 938(51), 941(54), 948(57), 978(52), 994(35), 1007(51), 1008(51), 1009(53,56), 1010(51), 1011(51), 1017(56), 1027(56), 1028(56), 1039(54), 1045(56), 1048(57), 1056(52,53), 1057(53), 1066(51), 1067(52), 1068(52), 1070(57), 1072(52), 1073(56), 1074(35), 1078(23,29), 1079(52,53), 1080(56), 1081(55), 1083(52), 1085(GEN), 1088(57), 1089(24), 1090(24), 1091(38), 1092(44), 1093(24,57), 1094(24), 1095(24), 1096(24), 1097(53), 1098(37), 1099(55), 1100(24), 1101(43), 1102(35).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL HYDROLANT 2027/02, 271/03, 309/03, 339/03, 433/03 976/03, 1065/03, 1086/03.

(061010Z JUN 2003)

1104/03 and 1105/03. CANCELED.

1106/03(52). ALBORAN SEA. GUNNERY.

1. GUNNERY EXERCISES IN PROGRESS 0600Z TO 2359Z DAILY THRU 15 JUN IN AREAS:
  - A. BOUND BY 35-50N 004-50W, 35-50N 004-40W, 35-43N 004-40W, 35-30N 004-50W.
  - B. BETWEEN 35-50N 35-30N AND 004-40W 004-20W.
  - C. BETWEEN 35-50N 35-30N AND 004-20W 004-00W.
  - D. BETWEEN 35-50N 35-30N AND 004-00W 003-40W.
  - E. BETWEEN 35-50N 35-30N AND 003-30W 003-20W.
2. CANCEL THIS MSG 160059Z JUN.

(061235Z JUN 2003)

1107/03 thru 1110/03. CANCELED.

1111/03(23,29). SOUTH ATLANTIC. ICE.

1. ICEBERGS REPORTED ON 06 JUN IN:
  - A. A-38A, 22 MILES BY 48 MILES IN 59-06S 048-12W.
  - B. A-38B, 22 MILES BY 25 MILES IN 59-00S 050-06W.
  - C. A-38C, SEVEN MILES BY 11 MILES IN 60-24S 047-48W.
  - D. A-38D, TWO MILES BY TEN MILES IN 61-00S 049-42W.
  - E. A-43B, 13 MILES BY 40 MILES IN 54-24S 039-06W.
  - F. A-43C, 24 MILES BY 41 MILES IN 58-00S 035-12W.
  - G. A-43G, EIGHT MILES BY 49 MILES IN 49-54S 027-42W.
  - H. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
  - I. A-46, FOUR MILES BY 11 MILES IN 53-48S 043-54W.
  - J. A-47, NINE MILES BY 14 MILES IN 52-18S 047-36W.
  - K. A-48, NINE MILES BY TEN MILES IN 59-42S 048-42W.
  - L. A-50, ONE MILE BY TEN MILES IN 59-36S 048-24W.
  - M. B-09A, 15 MILES BY 22 MILES IN 53-24S 026-42W.
2. CANCEL HYDROLANT 1078/03.
3. CANCEL THIS MSG 14 JUN.

(070500Z JUN 2003)

1112/03 thru 1115/03. CANCELED.

## SECTION III

1116/03(52). ALGERIA.

1. CABLE OPERATIONS IN PROGRESS UNTIL 14 JUN  
BY CABLESHIP TENEZO VICINITY OF TRACKLINE  
JOINING 37-24.7N 005-09.5E,  
37-25.0N 004-50.0E, 37-17.3N 003-54.7E.
2. CANCEL HYDROLANT 1104/03.
3. CANCEL THIS MSG 15 JUN.

(071840Z JUN 2003)

1117/03(37). ENGLAND-EAST COAST.

CHART 37180 (20TH ED).

1. DANGEROUS WRECK MARKED BY EAST CARDINAL BUOY,  
Q (3) 10 SEC IN 53-45.02N 000-20.56E.
2. CANCEL HYDROLANT 1108/03.

(071915Z JUN 2003)

1118/03 thru 1122/03. CANCELED.

1123/03(52). ALGERIA.

1. CABLE REPAIR OPERATIONS IN PROGRESS UNTIL  
FURTHER NOTICE BY CABLESHIP TELIRI  
VICINITY 37-27N 003-53E.
2. CANCEL HYDROLANT 1045/03(56).
3. CANCEL HYDROLANT 1121/03(35,36), VESSEL ASSISTED.

(091110Z JUN 2003)

1124/03(55). BLACK SEA. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1000Z TO 1500Z AND 1600Z TO 2200Z  
DAILY 12 THRU 25 JUN IN AREA BOUND BY  
44-23.0N 028-42.5E, 44-27.0N 029-01.0E,  
44-20.0N 029-01.5E, 44-13.0N 028-56.5E.
2. CANCEL THIS MSG 252300Z JUN.

(091155Z JUN 2003)

1125/03. CANCELED.

1126/03(44). BALTIC SEA. GUNNERY.

1. GUNNERY EXERCISES 120600Z TO 121400Z JUN IN AREA  
BETWEEN 56-00N 56-30N AND 019-30E 020-30E.
2. CANCEL THIS MSG 121500Z JUN.

(091426Z JUN 2003)

1127/03 thru 1130/03. CANCELED.

1131/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 140400Z JUN  
BY M/V TROPICALIENTE TOWING TWO 20 METER  
LONG CABLES IN AREA BOUND BY  
03-02.0S 038-58.8W, 03-05.1S 039-01.3W,  
03-01.8S 039-05.3W, 02-58.7S 039-02.8W.  
SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1100/03 AND 1120/03.
3. CANCEL HYDROLANT 1130/03(36,37), VESSEL ASSISTED.
4. CANCEL THIS MSG 140500Z JUN.

(100710Z JUN 2003)

1132/03. CANCELED.

1133/03(51). NORTH ATLANTIC.

1. UNDERWATER OPERATIONS BY M/V METEOR  
WITH SUBMERSIBLE:  
A. 11 JUN IN 29-15.0N 015-30.0W.  
B. 12 THRU 14 JUN IN 29-11.3N 015-54.9W.  
C. 15 AND 16 JUN IN 33-00.0N 022-00.0W.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 17 JUN.

(100850Z JUN 2003)

1134/03(35). NORTH ATLANTIC.

1. SURVEY OPERATIONS 13 JUN THRU 05 JUL BY  
M/V TYCO RELIANCE IN AREA BETWEEN  
59-00N 59-30N AND 007-30W 009-30W.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 06 JUL.

(100910Z JUN 2003)

### SECTION III

NM 26/03

1135/03(53). STRAIT OF SICILY.

1. DERELICT NINE METER VESSEL, BLUE HULL, ADRIFT  
IN 34-52.2N 013-03.4E AT 091950Z JUN.  
REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL THIS MSG 17 JUN.

(100920Z JUN 2003)

1136/03(37). ENGLISH CHANNEL.

CHART 37101 (9TH ED).  
ROYAL SOVEREIGN LIGHT 50-43.4N 000-26.2E UNRELIABLE.

(110019Z JUN 2003)

1137/03. CANCELED.

1138/03(53). STRAIT OF SICILY.

1. DERELICT 12 METER VESSEL ADRIFT IN 35-07.6N 012-19.9E  
AT 101130Z JUN. REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL THIS MSG 18 JUN.

(110510Z JUN 2003)

1139/03(36,51). NORTH ATLANTIC.

1. 26 METER LONG OBJECT ADRIFT VICINITY  
42-04N 019-37W AT 102000Z JUN.
2. CANCEL HYDROLANT 1137/03(35), AID RESTORED.
3. CANCEL THIS MSG 17 JUN.

(110520Z JUN 2003)

1140/03(42). BARENTS SEA. ICE.

1. ICEBERG REPORTED IN 70-10N 050-39E ON 10 JUN.
2. CANCEL THIS MSG 18 JUN.

(110720Z JUN 2003)

1141/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 140300Z JUN  
BY M/V CGG HARMATTAN TOWING SIX 6000 METER  
LONG CABLES IN AREA BOUND BY  
00-32.0S 043-33.0W, 00-44.0S 043-44.0W,  
01-01.5S 043-24.0W, 00-48.5S 043-12.0W.  
SIX MILE BERTH REQUESTED.
2. CANCEL THIS MSG 140400Z JUN.

(110740Z JUN 2003)

1142/03(36). ENGLAND-SOUTHWEST COAST.

- CHART 36180 (23RD ED).
1. DGPS STATION AT LIZARD POINT LIGHT 49-58N 005-12W  
INOPERATIVE 110900Z TO 121600Z JUN.
  2. CANCEL THIS MSG 121700Z JUN.

(110810Z JUN 2003)

1143/03(53). SICILIA-SOUTHEAST COAST. GUNNERY.

1. GUNNERY EXERCISES 0400Z TO 2000Z DAILY 12 AND 13,  
16 THRU 20, 23 THRU 27 AND 30 JUN WITHIN  
1.5 MILES OF 36-39-19N 015-00-53E.
2. CANCEL THIS MSG 302100Z JUN.

(110910Z JUN 2003)

1144/03 and 1145/03. CANCELED.

1146/03(57). SOUTH ATLANTIC.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V MANNHEIM V TOWING 8000 METER LONG CABLE IN  
28-40S 014-22E. FIVE MILE BERTH REQUESTED.

(112016Z JUN 2003)

1147/03(GEN). GPS SATELLITE SYSTEM.

PRN 05 UNUSABLE.

(112116Z JUN 2003)

1148/03(24). BRAZIL-EAST COAST.

MAN OVERBOARD IN 12-31S 035-24W AT 112100Z JUN.  
VESSELS IN VICINITY REQUESTED TO KEEP  
A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO ANY COASTAL RADIO STATION.

(120228Z JUN 2003)

SECTION III

1149/03(24). BRAZIL-EAST COAST.  
DISTRESS SIGNAL RECEIVED IN 07-39.1S 034-11.7W.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO  
ANY COASTAL RADIO STATION.

(120540Z JUN 2003)

1150/03(37). ENGLAND-SOUTH COAST.  
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER  
NOTICE BY CABLESHIP MAERSK DEFENDER VICINITY  
50-43.4N 001-21.5W. WIDE BERTH REQUESTED.

(120740Z JUN 2003)

1151/03. CANCELED.

1152/03(57). SOUTH ATLANTIC. ANGOLA.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 21 JUN  
BY M/V SEA TRIDENT IN AREA BETWEEN  
07-12S 07-16S AND 012-24E 012-28E.  
WIDE BERTH REQUESTED.  
2. CANCEL THIS MSG 22 JUN.

(121040Z JUN 2003)

### SECTION III

NM 26/03

#### NAVAREA XII

Messages in force 121100Z June 2003:

2001 series 298(GEN)	2002 series 178(GEN)	339(GEN) 2003 series	136(GEN) 137(19)	149(GEN) 154(GEN)	155(18) 157(18)
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The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02.  
Warnings issued during the subsequent quarter are issued in NM 13/03.

#### NAVAREA XII WARNINGS issued from 131200Z March to 121100Z June 2003.

74/03 thru 135/03. CANCELED.

136/03(GEN). NORTH PACIFIC. RUSSIA.

1. LORAN-C STATION PETROPAVLOVSK, RATE 5980-MASTER, OFF AIR.
2. CANCEL NAVAREA XII 135/03.

(270720Z MAY 2003)

137/03(19). NORTH PACIFIC. HAWAII. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:
  - A. 22-00.0N 159-51.0W.
  - B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM
  - C. 22-02.7N 160-09.1W. NIIHAU/LEHUA.
  - D. 22-03.0N 160-21.0W.
  - E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
  - F. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
  - G. 22-45.0N 161-25.0W.
  - H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
  - I. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
  - J. 23-57.0N 160-41.0W.
  - K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
  - L. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
  - M. 25-47.0N 158-15.0W.
  - N. 23-54.0N 158-15.0W.
  - O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
  - P. 21-58.1N 159-20.5W. LIHUE VORTAC.
  - Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
  - R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH U.S. COAST GUARD HONOLULU.
3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 111/03.

(270950Z MAY 2003)

138/03 thru 148/03. CANCELED.

149/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 061000Z JUN 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 136(GEN), 137(19), 146(GEN), 147(21,83), 148(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.
3. CANCEL NAVAREA XII 260/02, 144/03.

(061020Z JUN 2003)

150/03 thru 153/03. CANCELED.

154/03(GEN). GPS SATELLITE SYSTEM.

PRN 05 UNUSABLE.

(112121Z JUN 2003)

## SECTION III

155/03(18). NORTH PACIFIC. CALIFORNIA.

1. LORAN-C STATION MIDDLETOWN, RATE 9940-X,  
OFF AIR 161600Z TO 161800Z JUN.
2. CANCEL THIS MSG 161900Z JUN.

(120005Z JUN 2003)

156/03. CANCELED.

157/03(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
B. 33-52N 119-06W.	TO THE SHORELINE.
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.
I. 35-29N 123-00W.	T. 34-07N 119-10W.
J. 35-04N 122-43W.	U. 34-07N 119-07W.
K. 35-57N 121-32W.	V. 34-04N 119-04W.
L. 34-59N 120-42W.	

2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.

3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.

4. CANCEL NAVAREA XII 148/03.

(120955Z JUN 2003)

### SECTION III

NM 26/03

#### HYDROPACS

Messages in force 121100Z June 2003:

2000 series	2330(62)	667(62)	865(81)	932(62)	983(22)
597(73)	2339(63)	710(63)	874(81,97)	933(74)	985(97)
2001 series	2402(22)	743(62)	875(97)	935(81)	990(63)
1647(GEN)	2003 series	744(29)	878(93)	936(61)	991(63)
1976(62)	100(29)	752(62)	879(63)	940(71)	992(62)
2002 series	167(95)	760(63)	880(63)	952(71,93)	993(62)
146(62)	197(71)	761(63)	884(75)	955(81,97)	995(63)
196(61)	207(62)	767(81)	886(96,97)	956(83)	996(81,97)
205(GEN)	445(96)	771(61)	891(91)	959(62)	998(71)
206(GEN)	495(62)	773(81)	895(62)	960(63)	999(63)
207(93)	496(62)	776(61)	901(GEN)	962(91)	1000(22)
352(73)	506(62)	777(62)	902(71)	965(63)	1003(71,93)
403(72,73)	514(73)	787(73)	908(81)	968(74)	1004(62)
637(75)	515(73)	801(72)	909(94,97)	969(81)	1005(63)
828(62)	525(73,74)	803(71)	911(95)	973(81)	1006(GEN)
1765(71)	570(62)	816(94,97)	912(95)	974(74)	1007(76)
1843(22)	592(62)	819(62)	913(94,95)	975(GEN)	1008(81,82)
2111(62)	593(62)	829(97)	920(93)	979(74,82)	
2191(22)	638(62)	849(81)	921(95)	980(23,29)	
2199(63)	647(74)	858(63)	922(94,95)	981(75)	
2277(GEN)	649(71,93)	860(81)	923(93)	982(97)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02. Warnings issued during the subsequent quarter are issued in NM 13/03.

#### HYDROPAC WARNINGS issued from 131200Z March to 121100Z June 2003.

446/03 thru 494/03. CANCELED.

495/03(62). RED SEA. EGYPT.

CHART 62230 (2ND ED).

1. RACON AT AL IKHWAN LIGHT 26-19.0N 34-51.0E TEMPORARILY REMOVED.
2. CANCEL HYDROPAC 486/03(81).

(201400Z MAR 2003)

496/03(62). RED SEA. EGYPT.

CHART 62230 (2ND ED).

- RACON AT DAEDELUS REEF LIGHT 24-55.4N 35-51.5E TEMPORARILY REMOVED.

(201430Z MAR 2003)

497/03 thru 505/03. CANCELED.

506/03(62). PERSIAN GULF.

1. COALITION FORCES ARE COMMITTED TO CAPTURING IRAQI LEADERSHIP ATTEMPTING TO FLEE VIA SEA TO ESCAPE JUSTICE, AND ARE USING ALL AVAILABLE MILITARY ASSETS TO CAPTURE THEM. THIS INCLUDES USING THE FULL CAPABILITIES OF U.S. AND COALITION MILITARY AIRCRAFT, WARSHIPS, SUBMARINES, AND SATELLITES. AS PART OF THIS SEARCH OPERATION, U.S. FIFTH FLEET AND COALITION FORCES ARE CURRENTLY QUERYING COMMERCIAL VESSELS IN THE REGION, PARTICULARLY THOSE OPERATING IN VICINITY OF UMM QASR AND KHOR ABD ALLAH WATERWAYS.
2. ANYONE SUSPECTED OF ASSISTING OR TRANSPORTING IRAQI LEADERSHIP SHOULD EXPECT TO BE BOARDED, AND WILL RISK THE SINKING OR SEIZURE OF VESSEL, AND WILL BE DETAINED AND JAILED.
3. ANY PERCEIVED HOSTILITY TOWARDS A U.S. OR COALITION NAVAL UNIT DURING THESE ONGOING OPERATIONS MAY RESULT IN THE DESTRUCTION OF THE COMMERCIAL VESSEL.

(211450Z MAR 2003)

507/03 thru 513/03. CANCELED.

514/03(73). PAPUA NEW GUINEA.

CHART 73631 (4TH ED).

BOMATU POINT LIGHT 08-23.8S 151-07.2E UNLIT.

(220315Z MAR 2003)

NM 26/03

### SECTION III

515/03(73). PAPUA NEW GUINEA.  
CHART 73631 (4TH ED).  
KITAVA ISLAND LIGHT 08-38.6S 151-20.3E UNLIT.

(220330Z MAR 2003)

516/03 thru 524/03. CANCELED.

525/03(73,74). PAPUA NEW GUINEA.  
CHART 74006 (2ND ED).  
PANA WAIPONA ISLAND LIGHT 11-15.2S 152-08.1E UNLIT.

(232331Z MAR 2003)

526/03 thru 569/03. CANCELED.

570/03(62). PERSIAN GULF.

1. COALITION MARITIME FORCES CONTINUE CLEARING OPERATIONS IN IRAQI WATERWAYS. COASTAL MERCHANTS AND THE MARITIME SHIPPING AGENCIES THAT HAVE VESSELS IN THE KHOR ABD ALLAH WATERWAY ARE REQUESTED TO IMMEDIATELY CONTACT THEIR VESSELS AND DIRECT THEM TO PROCEED SOUTH IN ORDER TO DEPART IRAQI WATERWAYS. INFORM YOUR VESSELS TO CONTACT COALITION UNITS ON BRIDGE TO BRIDGE RADIO FOR SPECIFIC INSTRUCTIONS. THIS ADVISORY ALSO INCLUDES ALL SHIPS NORTH OF UMM QASR, YOU ARE NOW REQUESTED TO EXIT THE KHOR ABD ALLAH WATERWAY.
2. COALITION MARITIME FORCES WILL CONDUCT A ROUTINE BOARDING TO ENSURE THE SAFETY OF BOTH THE CREW AND VESSEL. UPON COMPLETION OF THE BOARDING, VESSELS WILL BE GIVEN NAVIGATION INSTRUCTIONS THAT WILL KEEP THEM OUT OF HARMS WAY. IF VESSELS OF THE MARITIME SHIPPING COMMUNITY OR COASTAL MERCHANTS ARE USED FOR MILITARY PURPOSES, THESE VESSELS WILL BE CONFISCATED OR DESTROYED BY THE COALITION.
3. VESSELS SHOULD REMAIN CLEAR FOR THE DURATION OF COALITION MILITARY OPERATIONS, SO AS TO ENSURE THEIR SAFETY, THE SAFETY OF THEIR VESSEL, AND PASSENGERS. YOU WILL BE GIVEN INSTRUCTIONS FROM COALITION FORCES AS SOON AS POSSIBLE ON WHEN TO RESUME MARITIME OPERATIONS IN AND AROUND IRAQI WATERS. THEIR GOAL IS TO OPEN THE WATERWAYS TO LEGITIMATE MARITIME SHIPPING AS QUICKLY AS POSSIBLE.
4. CANCEL HYDROPAC 507/03.

(290840Z MAR 2003)

571/03 thru 591/03. CANCELED.

592/03(62). GULF OF SUEZ.  
CHART 62191 (15TH ED).  
RACON AT BLUFF POINT LIGHT 27-40.8N 033-48.4E OFF AIR.

(031310Z APR 2003)

593/03(62). GULF OF SUEZ.

- CHART 62195 (6TH ED).  
RACONS OFF AIR AT:
  1. RAS RUHAMI LIGHT 28-43.9N 032-49.8E.
  2. RAS ZAFARANA LIGHT 29-06.7N 032-39.8E.
  3. RAS ABU DARAG LIGHT 29-22.9N 032-33.8E.

(031320Z APR 2003)

594/03 thru 637/03. CANCELED.

638/03(62). GULF OF SUEZ.  
CHART 62191 (15TH ED).  
ASHRAFI JUZUR LIGHT 27-47.4N 033-42.4E UNLIT.

(101345Z APR 2003)

639/03 thru 646/03. CANCELED.

647/03(74). AUSTRALIA-NORTHWEST COAST.  
SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V WESTERN MONARCH TOWING THREE MILE LONG CABLES  
IN AREA BETWEEN 19-00S 20-15S AND 115-00E 117-00E.

(111340Z APR 2003)

648/03. CANCELED.

649/03(71,93). SOUTH CHINA SEA.  
1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V GECO EAGLE TOWING FOUR MILE LONG CABLE IN  
AREA BETWEEN 06-27N 06-42N AND 115-32E 115-54E.  
2. CANCEL HYDROPAC 171/03.

(120058Z APR 2003)

### SECTION III

NM 26/03

650/03 thru 666/03. CANCELED.

667/03(62). RED SEA.

CHART 62290 (3RD ED).

1. JABAL AT TAIR LIGHT 15-32.5N 041-49.9E UNLIT.
2. CANCEL HYDROGRAPHIC 665/03(75), AID RESTORED.

(152225Z APR 2003)

668/03 thru 709/03. CANCELED.

710/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 25 APR UNTIL 15 JUN  
BY M/V SAGAR SANDHANI TOWING TWO 6000 METER  
LONG CABLES IN AREA BETWEEN 19-01.0N 19-23.5N  
AND 072-05.0E 072-22.7E. WIDE BERTH REQUESTED.
2. CANCEL HYDROGRAPHIC 706/03.
3. CANCEL THIS MSG 16 JUN.

(241300Z APR 2003)

711/03 thru 742/03. CANCELED.

743/03(62). PERSIAN GULF.

1. KHAWR ABD ALLAH WAS RECENTLY SURVEYED FOLLOWING  
MINE CLEARANCE ACTIVITIES, IN ORDER TO ASSESS  
THE CHANNEL'S NAVIGABILITY. THIS SURVEY WAS  
REQUIRED IN A SHORT TIMELINE AND SO IS  
SUBJECT TO LIMITATIONS:
  - A. ONLY AREAS WITHIN THE SWEPT CHANNEL WERE  
SURVEYED, AS WELL AS BERTH AREAS WITHIN  
THE PORT OF UMM QASR. NO UPDATED SURVEY  
DATA IS AVAILABLE OUTSIDE OF THE CHANNEL.
  - B. TIDES FOR THIS REGION ARE LARGE AND MEASURED  
DATA IS UNAVAILABLE. TIDAL CORRECTIONS TO  
THE SURVEY HAVE BEEN CALCULATED USING THE  
BEST TECHNIQUES AVAILABLE FROM TIDE MODELS,  
BUT VERTICAL ERRORS IN SOUNDINGS ARE  
ASSESSED AS APPROXIMATELY ONE METER AND  
COULD BE GREATER IN CERTAIN METEOROLOGICAL  
CONDITIONS. ADDITIONALLY, THE OBSERVED  
LOW TIDES HAVE BEEN NOTED TO BE ONE METER  
LOWER THAN EXPECTED.
2. ACCORDING TO BRITISH ADMIRALTY CHART 1235 (7TH ED)  
DATED 17 APR 03, THE INTENTION OF THE RAPID  
SURVEY WAS TO LOCATE UNKNOWN DANGERS QUICKLY.  
THE LINE SPACING USED WAS WIDER THAN NECESSARY  
TO FULLY PROVE THAT QUESTIONABLE SHOALS DO NOT  
EXIST, THEREFORE PREVIOUSLY CHARTED SHOALS  
HAVE TO BE RETAINED.
3. DUE TO THE NARROW CHANNEL, SURVEY LINE SPACING  
AND PROBABLE SOUNDING ERROR, MARINERS SHOULD  
USE EXTREME CAUTION WHEN NAVIGATING THE  
KHAWR ABD ALLAH TO UMM QASR.

(271150Z APR 2003)

744/03(29). ANTARCTIC PENINSULA-WEST COAST.

CHART 29127 (4TH ED).

14 METER DEPTH REPORTED IN 66-34.0S 067-47.9W.

(271455Z APR 2003)

745/03 thru 751/03. CANCELED.

752/03(62). IRAQ. UMM QASR.

CHART 62434 (9TH ED), 62437 (9TH ED).

1. EXTENSIVE WORK IS BEING CONDUCTED ON THE  
BUOYAGE FOR UMM QASR AND APPROACHES. DUE  
TO THESE OPERATIONS, MUCH OF THE INFORMATION  
ABOUT BUOYAGE MOVEMENT IN US NM 18/03  
FOR CHART 62434 IS OBSOLETE.
2. THE CURRENT STATUS OF THE BUOYAGE WILL BE  
PROMULGATED BY HYDROGRAPHIC AS DETAILS BECOME  
AVAILABLE. UPON COMPLETION OF OPERATIONS,  
A NEW AND RESCHEMED EDITION OF CHART 62437  
WILL BE PUBLISHED.
3. CANCEL HYDROGRAPHIC 640/03.

(291800Z APR 2003)

753/03 thru 759/03. CANCELED.

760/03(63). INDIA-EAST COAST.

CHART 63310 (5TH ED).

RADIOBEACON AT GOPALPUR LIGHT 19-15.3N 084-54.5E DISCONTINUED.

(020910Z MAY 2003)

## SECTION III

761/03(63). INDIA, LAKSHADWEEP.  
 CHART 63150 (1ST ED).  
 RADIOBEACON AT CHETLAT ISLAND LIGHT 11-41.8N 072-43.1E DISCONTINUED.  
 (020920Z MAY 2003)

762/03 thru 766/03. CANCELED.

767/03(81). NORTH PACIFIC.  
 DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 17-51N 145-41E  
 AT 022024Z MAY. VESSELS IN VICINITY REQUESTED  
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
 REPORTS TO JAPAN COAST GUARD.  
 (022140Z MAY 2003)

768/03 thru 770/03. CANCELED.

771/03(61). INDIAN OCEAN.  
 DISTRESS SIGNAL RECEIVED ON 406 MHZ IN  
 30-28-19S 032-30-57E. VESSELS IN VICINITY  
 REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST  
 IF POSSIBLE. REPORTS TO CAPE TOWN RADIO.  
 (040843Z MAY 2003)

772/03. CANCELED.

773/03(81). NORTH PACIFIC.  
 DISTRESS SIGNAL RECEIVED ON 406 MHZ IN  
 00-40.5N 143-10.4E AT 040835Z MAY.  
 VESSELS IN VICINITY REQUESTED TO KEEP  
 A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
 REPORTS TO RCC GUAM, TELEX: 392401,  
 PHONE: 671 339 6100, FAX: 671 339 6210.  
 (041405Z MAY 2003)

774/03 and 775/03. CANCELED.

776/03(61). INDIAN OCEAN.  
 DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY  
 22-31S 076-26E AT 050546Z MAY. VESSELS  
 IN VICINITY REQUESTED TO KEEP A SHARP  
 LOOKOUT, ASSIST IF POSSIBLE. REPORTS  
 TO RCC AUSTRALIA, TELEX: 7162025,  
 PHONE: 612 6230 6811, FAX: 612 6230 6868.  
 (050810Z MAY 2003)

777/03(62). PERSIAN GULF.  
 1. IMPROVED INFORMATION IN ADMIRALTY CHARTS 1235 (7TH ED)  
 AND 1238 (3RD ED), BOTH DATED 17 APR 03, IMPLIES  
 THAT THE CONTROLLING DEPTH FOR THE KHAWR ABD ALLAH  
 AND UMM QASR IS NOW DRIVEN BY BERTH DEPTHS AT  
 UMM QASR. THE DEEPEST AVAILABLE BERTH IS PRESENTLY  
 BERTH 3, WITH A LEAST DEPTH OF 7 METERS. BERTH 3  
 IS A DRY BULK BERTH ONLY.  
 2. AS DREDGING PROJECTS AT UMM QASR PROGRESS, THE  
 CONTROLLING DEPTH FOR PORT ACCESS MAY SHIFT BACK  
 TO KHAWR ABD ALLAH. AT TIME OF SURVEY, A NAVIGABLE  
 DEPTH FOR KHAWR ABD ALLAH WAS 9.1 METER.  
 3. PER THE UPDATED ADMIRALTY CHARTS 1235 AND 1238,  
 THE LOCATION OF SILTING, SHOALS AND WRECKS IN  
 THE KHAWR ABD ALLAH WILL PRECLUDE A STANDARD  
 TRAFFIC SEPARATION SCHEME. LARGE SHIPS WILL  
 ENCOUNTER CHANNEL SECTIONS IN WHICH MANEUVERING  
 WILL BE SEVERELY RESTRICTED DUE TO DRAFT.  
 4. ALL DEPTHS CITED ABOVE ARE TAKEN FROM ADMIRALTY  
 CHARTS 1235 AND 1238. HYDROPAC 743/03, ADDRESSING  
 SOUNDING ERRORS OF APPROXIMATELY ONE METER,  
 REMAINS IN FORCE.  
 (050840Z MAY 2003)

778/03 thru 786/03. CANCELED.

787/03(73). PAPUA NEW GUINEA-SOUTH COAST.  
 CHART 73590 (6TH ED).  
 HOOD POINT LIGHT 10-06.2S 147-43.6E UNLIT.  
 (061010Z MAY 2003)

788/03 thru 800/03. CANCELED.

### SECTION III

NM 26/03

801/03(72). JAVA SEA.  
CHART 72000 (8TH ED).  
SUBMERGED OBSTRUCTION REPORTED IN 05-11.7S 114-50.2E.

(081915Z MAY 2003)

802/03. CANCELED.

803/03(71). STRAIT OF MALACCA.  
1. SALVAGE OPERATIONS IN PROGRESS UNTIL 18 JUN  
VICINITY 01-15.0N 103-25.3E.  
2. CANCEL THIS MSG 19 JUN.

(091332Z MAY 2003)

804/03 thru 815/03. CANCELED.

816/03(94.97). EAST CHINA SEA.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 20 JUL  
BY VESSEL TOWING 800 METER LONG CABLE  
IN AREA BOUND BY 29-22N 123-18E,  
29-22N 124-07E, 28-48N 124-12E,  
28-48N 123-08E, 29-02N 123-08E,  
29-02N 123-18E.  
2. CANCEL THIS MSG 21 JUL.

(121010Z MAY 2003)

817/03 and 818/03. CANCELED.

819/03(62). IRAQ. UMM QASR.  
REFER HYDROGRAPHIC 752/03.  
CHARTS 62434 (9TH ED), 62437 (9TH ED).  
1. DELETE BUOY 6 IN 29-59-49N 048-12-48E.  
2. DELETE BUOY IN 29-56-36N 048-16-36E.  
3. DELETE BUOY IN 30-01-15N 048-11-12E.  
4. DELETE BUOY IN 30-01-35N 048-02-36E.  
5. DELETE BUOY IN 29-59-54N 047-58-43E.  
6. RELOCATE BUOY 28 TO 30-01-55N 048-05-29E.  
7. RELOCATE BUOY 29 TO 30-02-10N 048-05-29E.  
8. RELOCATE BUOY 31 TO 29-59-51N 048-01-08E.  
9. CHANGE DESIGNATION OF BUOY 4 TO 2 IN  
29-42-27N 048-40-27E.  
10. CHANGE CHARACTERISTIC OF BUOY 14 TO  
Q(3) R 15 SEC IN 29-51-28N 048-22-51E.  
11. CHANGE CHARACTERISTIC OF BUOY 19 TO  
FL(2) G 5 SEC IN 29-55-22N 048-17-51E.  
12. CHANGE CHARACTERISTIC OF BUOY 21 TO  
FL G 3 SEC IN 29-57-46N 048-15-08E.  
13. CHANGE BUOY 8 TO 24, R, CAN, FL(3) R 10 SEC  
IN 30-00-38N 048-11-05E.  
14. CHANGE CHARACTERISTIC OF BUOY 26 TO  
FL R 10 SEC IN 30-01-40N 048-07-20E.  
15. CHANGE BUOY B TO 33, G, CONICAL, UNLIT  
IN 30-00-08.5N 047-58-41.0E.  
16. CHANGE DESIGNATION OF BUOY 33 TO 35 IN  
30-00-15.8N 047-58-02.0E.  
17. CHANGE CHARACTERISTIC OF BUOY 36 TO  
FL(3) R 12 SEC IN 30-00-02N 047-57-59E.  
18. CHANGE BUOY A TO 37, G, CONICAL, UNLIT IN  
30-00-46N 047-57-40E.  
19. ADD BUOY 22, R, CAN, FL(2) 8 SEC IN  
29-59-56N 048-12-34E.  
20. ADD BUOY 23, G, CONICAL, FL(3) G 15 SEC IN  
30-00-07N 048-12-44E.  
21. ADD BUOY Y, PILLAR, FL Y IN 29-54-18N 048-18-35E.  
22. ADD DESIGNATION 24A TO BUOY IN  
30-01-30.0N 048-09-21.0E.  
23. BUOYS 5, 9, 10, 11, 13, 15, 16, 17 AND 20  
ARE NOW POSITIONED AND SHOWING AS THEY ARE  
PORTRAYED ON NIMA CHARTS 62434 AND 62437.  
24. CANCEL HYDROGRAPHIC 794/03.

(130018Z MAY 2003)

820/03 thru 828/03. CANCELED.

829/03(97). NORTH PACIFIC.  
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 36-24N 149-13E  
AT 131257Z MAY. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO JAPAN COAST GUARD.

(131440Z MAY 2003)

830/03 thru 848/03. CANCELED.

## SECTION III

849/03(81). NORTH PACIFIC. CAROLINE ISLANDS.  
 DISTRESS SIGNAL RECEIVED ON 406 MHZ VICINITY  
 04-27.8N 140-13.3E. VESSELS IN VICINITY  
 REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF  
 POSSIBLE. REPORTS TO RCC GUAM, TELEX: 392401,  
 PHONE: 671 339 6100, FAX: 671 339 6210.

(170022Z MAY 2003)

850/03 thru 857/03. CANCELED.

858/03(63). INDIAN OCEAN.  
 VESSEL PRECIOUS DRAGON, ENGINE ROOM FLOODED  
 ANDADRIFT IN 06-40.65N 085-17.54E. VESSELS  
 IN VICINITY REQUESTED TO KEEP A SHARP  
 LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO  
 MRCC HONG KONG, TELEX: 8028 2952.

(172235Z MAY 2003)

859/03. CANCELED.

860/03(81). NORTH PACIFIC.  
 DISTRESS SIGNAL RECEIVED ON 406 MHZ IN  
 02-02.3N 151-19.1E AT 172230Z MAY.  
 VESSELS IN VICINITY REQUESTED TO KEEP  
 A SHARP LOOKOUT, ASSIST IF POSSIBLE  
 REPORTS TO RCC GUAM, TELEX: 392401,  
 PHONE: 671 339 6100, FAX: 671 339 6210.

(180115Z MAY 2003)

861/03 thru 864/03. CANCELED.

865/03(81). CAROLINE ISLANDS.  
 43 FOOT S/V, BLACK AND RED HULL, OVERDUE  
 PALAU TO SATAWAL ISLAND. VESSELS IN  
 VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
 ASSIST IF POSSIBLE. REPORTS TO RCC GUAM,  
 TELEX: 392401, PHONE: 671 339 6100.

(192248Z MAY 2003)

866/03 thru 873/03. CANCELED.

874/03(81,97). NORTH PACIFIC.  
 DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 24-44.2N 148-47.5E  
 AT 221424 MAY. VESSELS IN VICINITY REQUESTED TO  
 KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
 REPORTS TO JAPAN COAST GUARD.

(222253Z MAY 2003)

875/03(97). NORTH PACIFIC.  
 MAN OVERBOARD FROM M/V P AND O NEDLLOYD SCANDIA  
 IN 37-46N 164-30E AT 222240Z MAY. VESSELS IN  
 VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
 ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(230640Z MAY 2003)

876/03 and 877/03. CANCELED.

878/03(93). SOUTH CHINA SEA.  
 DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 13-06.4N 118-09.7E  
 AT 231147Z MAY. VESSELS IN VICINITY REQUESTED  
 TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
 REPORTS TO MRCC HONG KONG, TELEX: 8028 2952.

(231330Z MAY 2003)

879/03(63). INDIA-EAST COAST.  
 1. SEISMIC SURVEY IN PROGRESS UNTIL 15 JUN  
 BY M/V RAMFORM VANGUARD TOWING EIGHT  
 3.5 MILE LONG CABLES IN AREA BOUND BY  
 17-09.0N 082-31.0E, 17-01.0N 082-43.0E,  
 16-40.0N 082-43.0E, 16-33.0N 082-31.0E.  
 WIDE BERTH REQUESTED.  
 2. CANCEL THIS 16 JUN.

(231400Z MAY 2003)

880/03(63). INDIA-WEST COAST.  
 CHART 63062 (7TH ED.).  
 RACON AT KACHCHIGADH LIGHT 22-19.8N 068-57.9E INOPERATIVE.

(231430Z MAY 2003)

### SECTION III

NM 26/03

881/03 thru 883/03. CANCELED.

884/03(75). AUSTRALIA-SOUTHEAST COAST.  
UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V SEARANGER IN AREA BETWEEN  
38-10S 38-33S AND 148-14E 148-33E.  
ONE MILE BERTH REQUESTED.

(240650Z MAY 2003)

885/03. CANCELED.

886/03(96,97). NORTH PACIFIC.  
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 45-33N 155-49E  
AT 240901Z MAY. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO JAPAN COAST GUARD.

(241140Z MAY 2003)

887/03 thru 890/03. CANCELED.

891/03(91). SOUTH CHINA SEA.  
DISTRESS SIGNAL RECEIVED FROM M/V SUPERFERRY 12  
ON 121.5 AND 406.0 MHZ IN 14-18.0N 120-38.4E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO PAC RCC,  
TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.

(250923Z MAY 2003)

892/03 thru 894/03. CANCELED.

895/03(62). GULF OF SUEZ.  
CHART 62191 (15TH ED).  
ISOLATED DANGER BUOY 28-11.3N 033-21.4E UNLIT.

(260850Z MAY 2003)

896/03 thru 900/03. CANCELED.

901/03(GEN). NORTH PACIFIC. RUSSIA.  
LORAN-C STATION PETROPAVLOVSK, RATE 5980-MASTER, OFF AIR.

(270135Z MAY 2003)

902/03(71). STRAIT OF MALACCA.  
MAN OVERBOARD VICINITY 05-56N 095-44E AT 270240Z MAY.  
VESSELS IN VICINITY REQUESTED TO KEEP A  
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS  
TO SINGAPORE PORT OPERATION CONTROL CENTER,  
TELEX: 20021, PHONE: 656 227 5539, FAX: 656 227 9971.

(270750Z MAY 2003)

903/03 thru 907/03. CANCELED.

908/03(81). NORTH PACIFIC.  
DISTRESS SIGNAL RECEIVED ON 406 MHZ IN  
12-37.7N 152-00.8E AT 280536Z MAY.  
VESSELS IN VICINITY REQUESTED TO KEEP  
A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO RCC GUAM, TELEX: 392401.

(280620Z MAY 2003)

909/03(94,97). EAST CHINA SEA.  
1. SEISMIC SURVEY IN PROGRESS UNTIL 30 JUL  
IN AREA BOUND BY  
28-00N 121-20E, 28-20N 123-00E,  
26-40N 123-00E, 26-40N 121-20E.  
4000 METER BERTH REQUESTED.  
2. CANCEL THIS MSG 31 JUL.

(280640Z MAY 2003)

910/03. CANCELED.

911/03(95). SEA OF JAPAN. ORDNANCE.  
1. BOMBING EXERCISES 0001Z TO 1300Z DAILY  
02 THRU 07, 09 THRU 14, 16 THRU 21,  
23 THRU 28 AND 30 JUN IN AREA  
BOUND BY 38-25N 128-45E, 38-25N 129-30E,  
38-10N 129-30E, 38-10N 129-00E,  
38-17N 129-00E, 38-17N 128-45E.  
2. CANCEL THIS MSG 301400Z JUN.

(280840Z MAY 2003)

## SECTION III

912/03(95). YELLOW SEA. ORDNANCE.  
 1. BOMBING EXERCISES 0001Z TO 1300Z DAILY  
 02 THRU 07, 09 THRU 14, 16 THRU 21,  
 23 THRU 28 AND 30 JUN IN AREA  
 BETWEEN 35-35N 36-00N AND 125-00E 125-30E.  
 2. CANCEL THIS MSG 301400Z JUN.

(280850Z MAY 2003)

913/03(94,95). YELLOW SEA. ORDNANCE.  
 1. BOMBING EXERCISES 0001Z TO 1000Z DAILY  
 02 THRU 05, 07, 09 THRU 14, 16 THRU 21,  
 23 THRU 28 AND 30 JUN IN AREA BETWEEN  
 36-05N 36-35N AND 124-50E 125-42E.  
 2. CANCEL THIS MSG 301100Z JUN.

(280855Z MAY 2003)

914/03 thru 919/03. CANCELED.

920/03(93). SOUTH CHINA SEA.  
 1. SEISMIC SURVEY IN PROGRESS UNTIL 19 JUN  
 BY M/V BINHAI 518 TOWING 3000 METER  
 LONG CABLE IN AREA BETWEEN  
 19-59N 20-46N AND 114-51E 115-56E.  
 2. CANCEL THIS MSG 20 JUN.

(290710Z MAY 2003)

921/03(95). SEA OF JAPAN. ORDNANCE.  
 1. BOMBING EXERCISES 0001Z TO 1000Z DAILY  
 02 THRU 05, 07, 09 THRU 14, 16 THRU 21,  
 23 THRU 28 AND 30 JUN IN AREA  
 BOUND BY 38-08N 129-51E, 38-08N 130-10E,  
 37-39N 130-10E, 37-42N 129-51E.  
 2. CANCEL HYDROFAC 916/03(74), SEARCH SUSPENDED.  
 3. CANCEL THIS MSG 301100Z JUN.

(290950Z MAY 2003)

922/03(94,95). YELLOW SEA. ORDNANCE.  
 1. BOMBING EXERCISES 0001Z TO 1000Z DAILY  
 02 THRU 05, 07, 09 THRU 14, 16 THRU 21,  
 23 THRU 28 AND 30 JUN IN AREA BETWEEN  
 34-50N 35-15N AND 124-50E 125-42E.  
 2. CANCEL THIS MSG 301100Z JUN.

(290955Z MAY 2003)

923/03(93). GULF OF TONKIN.  
 1. SEISMIC SURVEY 30 MAY THRU 30 JUN  
 BY M/V ORIENT EXPLORER TOWING  
 THREE MILE LONG CABLE IN AREA BETWEEN  
 19-42N 20-04N AND 106-41E 107-17E.  
 2. CANCEL HYDROFAC 917/03(76), VESSEL LOCATED.  
 3. CANCEL THIS MSG 01 JUL.

(291750Z MAY 2003)

924/03 thru 931/03. CANCELED.

932/03(62). PERSIAN GULF.  
 SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
 BY M/V CGG FOHN TOWING SIX 3.5 MILE LONG CABLES  
 IN AREA BETWEEN 26-00N 26-30N AND 052-00E 052-30E.  
 WIDE BERTH REQUESTED.

(301345Z MAY 2003)

933/03(74). AUSTRALIA-NORTHWEST COAST.  
 SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY  
 M/V GEICO EMERALD TOWING THREE MILE LONG CABLES IN  
 AREA BETWEEN 14-15S 14-27S AND 120-34E 120-54E.  
 WIDE BERTH REQUESTED.

(301400Z MAY 2003)

934/03. CANCELED.

935/03(81). NORTH PACIFIC.  
 MAN OVERBOARD FROM M/V ORIENTE NOBLE VICINITY OF  
 TRACKLINE BETWEEN 20-03N 141-29E AT 300930Z MAY  
 AND 22-14N 140-28E AT 302050Z MAY. VESSELS  
 IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
 ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(310420Z MAY 2003)

### SECTION III

NM 26/03

936/03(61). INDIAN OCEAN. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 010001Z  
TO 302359Z JUN IN AREA BETWEEN  
09-00S 13-00S AND 070-00E 073-00E.
2. CANCEL THIS MSG 010059Z JUL.

(310810Z MAY 2003)

937/03 thru 939/03. CANCELED.

940/03(71). SOUTH CHINA SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER  
NOTICE BY M/V GECO EAGLE TOWING  
FOUR MILE LONG CABLE IN AREA BOUND BY  
06-13N 111-07E, 06-33N 111-36E,  
05-36N 112-22E, 05-14N 112-00E.
2. CANCEL HYDROFAC 859/03.

(311329Z MAY 2003)

941/03 thru 951/03. CANCELED.

952/03(71,93). SOUTH CHINA SEA.

MAN OVERBOARD VICINITY 03-46.8N 105-33.0E.  
VESSELS IN VICINITY REQUESTED TO KEEP A  
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS  
TO SINGAPORE PORT OPERATION CONTROL CENTER,  
PHONE: 656 227 5539, FAX: 656 227 9971.

(030650Z JUN 2003)

953/03 and 954/03. CANCELED.

955/03(81,97). NORTH PACIFIC.

1. SURVEY OPERATIONS 08 THRU 15 JUN BY M/V SHOYO  
WITH SUBMERSIBLE IN AREA BETWEEN  
24-20N 24-35N AND 141-16E 141-31E.
2. CANCEL THIS MSG 16 JUN.

(030920Z JUN 2003)

956/03(83). SOUTH PACIFIC.

DISTRESS SIGNAL RECEIVED FROM S/V MAYA IN 17-35S 149-37W.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC ALAMEDA,  
TELEX: 230172343, PHONE: 510 437 3701, FAX: 510 437 3017.

(031232Z JUN 2003)

957/03 and 958/03. CANCELED.

959/03(62). PERSIAN GULF.

ON 23 MAY COALITION FORCES LAND COMPONENT COMMAND (CFLCC)  
TRANSFERRED CONTROL OF THE PORT OF UMM QASR, IRAQ FROM THE  
UNITED KINGDOM'S 17TH PORT AND MARITIME REGIMENT TO A  
COMMERCIAL MANAGEMENT TEAM FROM STEVEDORING SERVICE OF  
AMERICA (SSA). THE SSA TEAM IS CURRENTLY ESTABLISHING  
WORKSPACES, COMMUNICATIONS, AND A LOCAL LABOR FORCE IN  
UMM QASR AND MUCH WORK REMAINS TO BE DONE.

(041203Z JUN 2003)

960/03(63). ARABIAN SEA.

CHART 63000 (13TH ED).  
ODAS BUOY ESTABLISHED IN 20-11.6N 067-52.7E.

(041212Z JUN 2003)

961/03. CANCELED.

962/03(91). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ FROM  
VESSEL DEPP SEA MATDRILL IN 14-52.0N 120-13.5E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP  
LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO  
PAC RCC, TELEX: 392401, PHONE: 808 531 1112,  
FAX: 808 541 2123.

(041910Z JUN 2003)

963/03 and 964/03. CANCELED.

965/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 28 JUN  
BY M/V C-EXPLORER TOWING FOUR 5000 METER  
LONG CABLES IN AREA BOUND BY

## SECTION III

- 18-56.5N 072-20.7E, 18-59.4N 072-28.9E,  
 18-39.3N 072-36.1E, 18-34.6N 072-20.6E,  
 18-37.8N 072-19.2E, 18-39.7N 072-25.4E,  
 18-49.0N 072-20.9E. WIDE BERTH REQUESTED.  
 2. CANCEL HYDROPAC 963/03(81), 958/03 REFERS.  
 3. CANCEL THIS MSG 29 JUN.

(050440Z JUN 2003)

966/03 and 967/03. CANCELED.

- 968/03(74). AUSTRALIA. GULF OF CARPENTARIA.  
 4.5 METER VESSEL, TWO PERSONS ON BOARD, OVERDUE TO POSITION  
 15-15S 141-32E. LAST KNOWN POSITION 15-06S 141-38E AT  
 042000Z JUN. VESSELS IN VICINITY REQUESTED TO KEEP A  
 SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC AUSTRALIA,  
 TELEX: 7162025, PHONE: 612 6230 6811, FAX: 612 6230 6868.

(051743Z JUN 2003)

969/03(81). NORTH PACIFIC. ORDNANCE.

1. BOMBING EXERCISES IN PROGRESS UNTIL 181359Z JUN  
 WITHIN TEN MILES OF 16-01N 146-04E.  
 2. CANCEL THIS MSG 181459Z JUN.

(060002Z JUN 2003)

970/03 thru 972/03. CANCELED.

973/03(81). NORTH PACIFIC.

- DISTRESS SIGNAL RECEIVED ON 406 MHZ IN  
 02-35.3N 141-13.8E AT 060223Z JUN.  
 VESSELS IN VICINITY REQUESTED TO KEEP  
 A SHARP LOOKOUT, ASSIST IF POSSIBLE  
 REPORTS TO RCC GUAM, TELEX: 392401,  
 PHONE: 671 339 6100, FAX: 671 339 6210.

(060440Z JUN 2003)

974/03(74). AUSTRALIA-EAST COAST.

1. DERELICT 11 METER VESSEL ADRIFT VICINITY  
 28-40.5S 153-50.2E AT 060400Z JUN.  
 2. CANCEL HYDROPAC 964/03.  
 3. CANCEL THIS MSG 13 JUN.

(060710Z JUN 2003)

975/03(GEN).

1. HYDROPAC MESSAGES IN FORCE 061000Z JUN 2003. ONLY THOSE  
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
 2003 SERIES: 734(62), 735(62), 743(62), 744(29), 752(62),  
 760(63), 761(63), 767(81), 771(61), 773(81), 776(61),  
 777(62), 787(73), 801(72), 803(71), 816(94,97), 819(62),  
 829(97), 849(81), 858(63), 860(81), 865(81), 874(81,97),  
 875(97), 878(93), 879(63), 880(63), 884(75), 886(96,97),  
 891(91), 895(62), 901(GEN), 902(71), 905(63), 908(81),  
 909(94,97), 911(95), 912(95), 913(94,95), 914(63), 920(93),  
 921(95), 922(94,95), 923(93), 931(63), 932(62), 933(74),  
 935(81), 936(61), 938(63), 940(71), 943(23,29), 945(97),  
 950(GEN), 952(71,93), 953(63), 955(81,97), 956(83), 958(81),  
 959(62), 960(63), 962(91), 965(63), 966(21,83), 967(62),  
 968(74), 969(81), 972(74,82), 973(81), 974(74).  
 2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002  
 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE  
 SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03.  
 3. CANCEL HYDROPAC 1661/02, 215/03, 556/03, 569/03, 690/03,  
 695/03, 696/03, 716/03, 937/03.

(061025Z JUN 2003)

976/03 thru 978/03. CANCELED.

979/03(74,82). CORAL SEA.

1. DERELICT 15 METER S/V GRACE II, WHITE HULL,  
 ADRIFT IN 16-55S 161-21E AT 061822Z JUN.  
 2. CANCEL HYDROPAC 972/03, ASSISTANCE RECEIVED.  
 3. CANCEL THIS MSG 13 JUN.

(062056Z JUN 2003)

980/03(23,29). SOUTH ATLANTIC. ANTARCTICA. ICE.

1. ICEBERGS REPORTED ON 06 JUN IN:  
 A. A-38A, 22 MILES BY 48 MILES IN 59-06S 048-12W.  
 B. A-38B, 22 MILES BY 25 MILES IN 59-00S 050-06W.  
 C. A-38C, SEVEN MILES BY 11 MILES IN 60-24S 047-48W.  
 D. A-38D, TWO MILES BY TEN MILES IN 61-00S 049-42W.

### SECTION III

NM 26/03

- E. A-43C, 24 MILES BY 41 MILES IN 58-00S 035-12W.
- F. A-43I, TWO MILES BY 12 MILES IN 59-12S 035-48W.
- G. A-48, NINE MILES BY TEN MILES IN 59-42S 048-42W.
- H. A-50, ONE MILE BY TEN MILES IN 59-36S 048-24W.
- 2. CANCEL HYDROPAC 943/03.
- 3. CANCEL THIS MSG 14 JUN.

(070515Z JUN 2003)

- 981/03(75). AUSTRALIA-SOUTH COAST.  
1. NUMEROUS 11 METER LONG FIBERGLASS SWIMMING POOLS  
ADRIFT IN 37-17.9S 139-20.3E AT 070030Z JUN.  
2. CANCEL THIS MSG 14 JUN.

(070925Z JUN 2003)

- 982/03(97). EAST CHINA SEA.  
47 TON F/V MING FU TSAI NO.16, WHITE HULL, EIGHT PERSONS  
ON BOARD, UNREPORTED. LAST KNOWN POSITION VICINITY  
25-00N 124-30E AT 050900Z JUN. VESSEL SUSPECTED VICINITY  
OF AREA BETWEEN 25-00N 26-00N AND 135-00E 136-00E.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(071721Z JUN 2003)

- 983/03(22). CHILE. GUNNERY.  
1. GUNNERY EXERCISES 1300Z TO 2100Z  
DAILY 11 THRU 14 AND 16 THRU 20 JUN  
IN AREA BOUND BY  
19-49S 070-44W, 19-49S 071-10W,  
20-07S 071-13W, 20-13S 070-47W.  
2. CANCEL THIS MSG 202200Z JUN.

(072230Z JUN 2003)

984/03. CANCELED.

- 985/03(97). NORTH PACIFIC.  
MAN OVERBOARD FROM F/V KIYOUNAMARU NO. 28 VICINITY  
33-04N 158-35E AT 081830Z JUN. VESSELS IN  
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT.  
ASSIST IF POSSIBLE. REPORTS TO JAPAN COAST GUARD.

(082135Z JUN 2003)

986/03 thru 989/03. CANCELED.

- 990/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.  
1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 10 AND 13 JUN  
IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,  
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.  
2. CANCEL THIS MSG 131630Z JUN.

(091140Z JUN 2003)

- 991/03(63). INDIA-WEST COAST. ROCKETS.  
1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY  
11 AND 12 JUN WITHIN 75 MILES OF  
08-31.9N 076-52.1E.  
2. CANCEL THIS MSG 121700Z JUN.

(091150Z JUN 2003)

- 992/03(62). PERSIAN GULF.  
1. THE PORT OF UMM QASR IS STILL NOT FULLY OPERATIONAL,  
ALTHOUGH SIGNIFICANT PROGRESS HAS BEEN MADE. THE PORT  
IS OPEN TO HUMANITARIAN AID SHIPPING ONLY. SPECIFIC  
QUERIES SHOULD BE DIRECTED TO THE SSA INFORMATION CENTER  
FOR IRAQ. PLEASE SEE HYDROPAC 959/03 FOR SSA CONTACT  
INFORMATION. PORT STATUS IS AS FOLLOWS:  
A. PORT MANAGEMENT WAS HANDED OVER FROM COALITION  
FORCES LAND COMPONENT COMMANDER'S (CFLCC) 17TH PORT  
AND MARITIME REGIMENT TO A COMMERCIAL MANAGEMENT  
TEAM FROM STEVEDORING SERVICES OF AMERICA (SSA)  
ON 23 MAY. THE SSA TEAM IS CURRENTLY ESTABLISHING  
WORKSPACES, COMMUNICATIONS AND A LOCAL LABOR FORCE  
IN UMM QASR AND MUCH WORK REMAINS TO BE DONE.  
B. THE PORT STILL HAS NO ELECTRICAL POWER. COALITION  
AND IRAQI AUTHORITIES ARE ATTEMPTING TO RESTORE POWER  
AND THERE ARE PLANS TO TRANSPORT GENERATORS TO THE  
PORT IF NECESSARY. THERE ARE NO PORT SERVICES  
AVAILABLE AT THIS TIME TO INCLUDE POTABLE WATER,  
TELEPHONE SERVICES, WASTE DISPOSAL SERVICES AND  
CARGO HANDLING EQUIPMENT.  
C. ALL SHIPS ENTERING UMM QASR MUST BE SELF-SUSTAINING.  
D. DREDGING IS UNDERWAY AND PROGRESSING WELL. WHEN  
COMPLETED, THE PORT AND ENTRANCE CHANNEL WILL HAVE

### SECTION III

- A UNIFORM DEPTH OF NINE METERS. PLANNED FOLLOW-ON DREDGING WILL INCREASE THE DEPTH TO 13 METERS.
- E. WAREHOUSE SPACE IS AVAILABLE FOR HUMANITARIAN AID BREAK BULK AND PALLETIZED CARGO FOR A LIMITED PERIOD UPON REQUEST FROM THE SPONSORING ORGANIZATION, BUT NO MATERIAL HANDLING EQUIPMENT (MHE) IS AVAILABLE. THERE ARE NO CLIMATE CONTROLLED OR REFRIGERATED FACILITIES. THE REQUEST FOR WAREHOUSE SPACE SHOULD BE MADE IN THE DISTRIBUTION PLAN (SEE PARA 2 IN THE PORT ENTRY PROCEDURES).
- F. LOOTING WITHIN THE PORT AREA REMAINS A PROBLEM. PORT MANAGERS ARE WORKING WITH COALITION MILITARY FORCES AND LOCAL IRAQI AUTHORITIES TO RESTORE STABILITY.
- G. FOR NOW, ONLY PRE-APPROVED HUMANITARIAN AID CARGO IS BEING ALLOWED INTO UMM QASR. CURRENT PROCEDURES REMAIN IN EFFECT: ALL HUMANITARIAN AID CARGO DELIVERIES MUST BE COORDINATED THROUGH THE HUMANITARIAN OPERATIONS CENTER (HOC) IN KUWAIT. THE HOC PHONE NUMBERS ARE LISTED BELOW.
- H. SSA'S OBJECTIVE IS TO OPEN UMM QASR PORT FOR COMMERCIAL CARGO OPERATIONS AS SOON AS POSSIBLE. HOWEVER, THIS WILL REQUIRE BOTH SUFFICIENT PORT IMPROVEMENTS AND APPROVAL BY THE COALITION PROVISIONAL AUTHORITY (CPA, FORMERLY ORHA). ONCE THIS OCCURS, SSA WILL ISSUE THE APPROPRIATE GUIDANCE AND PROCEDURES, WHICH MARLO WILL PUBLISH IN FUTURE ADVISORIES.
2. PORT ENTRY PROCEDURES FOR HUMANITARIAN AID:
- SHIPMENTS FOR HUMANITARIAN AID AGENCIES MUST BE COORDINATED THROUGH THE HUMANITARIAN OPERATIONS CENTER (HOC) AT PHONE: 965 482 9360 (BUSINESS HOURS 0400Z TO 1500Z), FAX: 965 482 9366 OR E-MAIL NAVYHOCLNO@YAHOO.COM. THE FOLLOWING INFORMATION MUST BE FAXED OR E-MAILED TO THE HOC AT LEAST 7 DAYS PRIOR TO ARRIVAL:
    - VESSEL NAME.
    - IMO NUMBER.
    - VESSEL CONTACT: INMARSAT NUMBER/E-MAIL IF AVAILABLE.
    - ETA UMM QASR.
    - LIST OF CREW MEMBERS NAMES AND CITIZENSHIPS.
    - COPY OF CARGO MANIFEST.
    - VERIFICATION THAT THE VESSEL CAN OFFLOAD THE CARGO WITHOUT SERVICES FROM THE PORT.
    - SPONSORING ORGANIZATION.
    - SPONSORING ORGANIZATION POINT OF CONTACT NAME AND PHONE NUMBER.
3. THE SPONSORING ORGANIZATION MUST HAVE A DISTRIBUTION PLAN FOR THE CARGO ON FILE WITH HOC OR THE SHIP WILL NOT BE GRANTED PERMISSION TO ENTER UMM QASR. DISTRIBUTION PLANS CAN BE FORWARDED TO THE HOC SHIPPING OFFICE IN PERSON, VIA PHONE: 965 482 9360 (BUSINESS HOURS 0400Z TO 1500Z) OR BY E-MAIL AT NAVYHOCLNO@YAHOO.COM.
4. SHIPS WITH CARGO FOR "COMMERCIAL" CONSIGNEES (OTHER THAN GOVERNMENTAL OR NON-GOVERNMENTAL HUMANITARIAN AID AGENCIES) MUST OBTAIN ENTRY APPROVAL FROM THE SSA INFORMATION CENTER FOR UMM QASR PORT (PHONE: 965 481 8673 OR 965 484 2988 EXT 3642 OR FAX: 965 484 5712 OR UMMQASR@SSAMARINE.COM. COMMERCIAL SHIPS MUST BE CAPABLE OF DISCHARGING CARGO WITHOUT ASSISTANCE FROM THE PORT OPERATORS. SHIPPERS OR CONSIGNEES MUST HAVE ARRANGEMENTS IN PLACE FOR THE EXPEDITIOUS TRANSPORT OF THE CARGO OUT OF THE PORT AREA. ENTRY WILL BE DENIED IF THE SHIPPER CANNOT SHOW ADEQUATE ARRANGEMENTS TO THE SATISFACTION OF THE PORT AUTHORITY. DEPARTURE CLEARANCE MAY BE WITHHELD UNTIL THE DISCHARGED CARGO IS REMOVED FROM THE PORT OR THE SHIP MAY BE REQUIRED TO BACKLOAD ANY CARGO NOT TRANSPORTED OUT OF THE PORT.
5. MILITARY VESSELS DESTINED FOR UMM QASR SHOULD COORDINATE THEIR TRANSIT WITH COMUSNAVCENT. COMUSNAVCENT WILL FORWARD SUMMARY DETAILS TO THE HOC SHIPPING OFFICE.
6. PILOTAGE IS COMPULSORY EXCEPT FOR DESIGNATED VESSELS. IN THE MEANTIME, VESSELS ARE TO LIAISE WITH UMM QASR HARBOR CONTROL WITH REGARDS TO SAFE NAVIGATION OF THE KWAIHR ABD ALLAH.
7. VESSELS SHOULD SEND AN ESTIMATED TIME OF ARRIVAL TO THE SSA INFORMATION CENTER FOR UMM QASR PORT (PHONE: 965 481 8673 OR 965 84 2988 EXT 3642 OR FAX: 965 484 5712 OR UMMQASR@SSAMARINE.COM 48 HOURS, 24 HOURS AND 12 HOURS IN ADVANCE OF ARRIVAL, ALONG WITH BERTHING REQUIREMENTS. INBOUND AND OUTBOUND VESSELS SHOULD REPORT WHEN PASSING BUOY NUMBERS 6 AND 34. ADDITIONALLY, INBOUND AND OUTBOUND VESSELS TRANSITING THROUGH UMM QASR TO AZ ZUBAYR SHOULD REPORT WHEN PASSING AZ ZUBAYR BUOY NUMBER.
8. COMMUNICATIONS: PORT CONTROL: CHANNEL 16, 08, 12

### SECTION III

NM 26/03

- TUGS AND PILOT: CHANNEL 12 HOURS: 24.
9. THE PILOT CURRENTLY BOARDS IN VICINITY OF ANCHORAGE NEAR BUOYS 22/23 (29-59.1N 048-12.7E) UNTIL A FULL SERVICE CAN BE PROVIDED.
10. VESSELS SHOULD ARRIVE AT THE CURRENT PILOT BOARDING POSITION AT LEAST 4.5 HOURS BEFORE HIGH WATER TO ARRIVE AT UMM QASR AT THE HIGH WATER MARK.
11. CANCEL HYDROGRAPHIC 734/03 AND 735/03.

(091240Z JUN 2003)

993/03(62). PERSIAN GULF.

1. COALITION FORCES ARE COMMITTED TO THE GLOBAL WAR ON TERRORISM (GWOT) AND THE CONTINUED SAFE PASSAGE OF VESSELS CONDUCTING LEGITIMATE GLOBAL COMMERCE. THIS BULLETIN IS INTENDED TO ADVISE SHIPPERS IN THE HORN OF AFRICA OF AN INCREASED COALITION NAVAL PRESENCE IN RESPONSE TO ONGOING COUNTERTERRORISM OPERATIONS ON THE LAND, AIR AND SEA. COMMERCIAL SHIPPERS SHOULD BE AWARE OF THE INCREASED MILITARY PRESENCE AND BE PREPARED TO RESPOND TO AIR AND SEA QUERIES BY COALITION ASSETS ENFORCING UNITED NATIONS RESOLUTIONS.
2. COALITION FORCES ARE ALERT TO POTENTIAL AIR AND MARITIME THREATS AND ARE CURRENTLY ON PATROL IN THE RED SEA, GULF OF ADEN, GULF OF OMAN AND PERSIAN GULF. ANYONE SUSPECTED OF ASSISTING OR TRANSPORTING TERRORISTS SHOULD EXPECT TO BE BOARDED, WILL RISK THE SINKING OR SEIZURE OF VESSEL AND WILL BE DETAINED AND JAILED.
3. U.S. FLAGGED MERCHANT VESSELS AND VESSELS EFFECTIVELY WORKING UNDER U.S. CONTROL ARE REMINDED TO CONSULT NIMA PUBLICATION 117, "RADIO NAVIGATION AIDS," FOR EMERGENCY REPORTING PROCEDURES. NON-U.S. FLAGGED MERCHANT VESSELS ARE URGED TO REVIEW STANDING FLAG STATE AND REGIONAL EMERGENCY NOTIFICATION PROCEDURES.

(091250Z JUN 2003)

994/03. CANCELED.

995/03(63). ANDAMAN SEA. NICOBAR ISLANDS.

CHART 63390 (1ST ED).

DANGEROUS WRECK REPORTED VICINITY 07-26N 093-41E.

(091920Z JUN 2003)

996/03(81,97). PHILIPPINE SEA.

F/V TAISHO MARU NR 18ADRIFT AND IN NEED OF ASSISTANCE IN 26-01N 137-38E AT 090600Z JUN. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(092042Z JUN 2003)

997/03. CANCELED.

998/03(71). INDONESIA-NORTHWEST COAST.

CHART 71006 (5TH ED).

NAVIGATION PROHIBITED UNTIL FURTHER NOTICE BY FOREIGN VESSELS ALONG TRACKLINE JOINING 01-55-00N 096-29-00E, 02-51-00N 095-13-55E, 02-57-00N 095-11-00E, 04-48-00N 095-10-00E, 05-43-10N 094-46-30E, 05-51-00N 094-46-40E, 06-13-30N 094-59-30E, 06-16-00N 095-10-05E, 05-40-25N 096-00-30E, 05-29-00N 096-49-25E, 05-29-10N 097-33-30E, 05-01-00N 098-03-25E, 04-33-50N 098-25-55E AND COASTLINE.

(100940Z JUN 2003)

999/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY 14 THRU 21 JUN IN AREA BETWEEN 15-11N 15-13N AND 073-52E 073-57E.
2. CANCEL THIS MSG 211330Z JUN.

(101357Z JUN 2003)

1000/03(22). CHILE. GUNNERY.

1. GUNNERY EXERCISES 1200Z TO 2200Z DAILY 11 THRU 13 JUN IN AREA BETWEEN 22-30S 23-25S AND 071-30W 071-00W.
2. CANCEL THIS MSG 132300Z JUN.

(102259Z JUN 2003)

1001/03 and 1002/03. CANCELED.

**SECTION III**

1003/03(71,93). SOUTH CHINA SEA. GUNNERY.

1. GUNNERY EXERCISES 16 JUN THRU 09 JUL IN AREA  
BOUND BY 02-30N 104-17E, 02-30N 105-15E,  
02-00N 105-26E, 02-00N 105-30E,  
01-45N 105-30E, 01-30N 104-36E,  
01-30N 104-35E, 01-52N 104-20E,  
02-00N 104-20E, 02-00N 104-17E.
2. CANCEL THIS MSG 10 JUL.

(111010Z JUN 2003)

1004/03(62). ARABIAN SEA. OMAN.

1. VESSEL TEEKAY FAIR REPORTS CREWMAN WITH MULTIPLE STAB WOUNDS  
IN 18-45N 059-08E AT 111000Z JUN. VESSELS IN VICINITY ABLE  
TO PROVIDE MEDEVAC REQUESTED TO ASSIST IF POSSIBLE. REPORTS  
TO VESSEL, INMARSAT-C: 425 785 410 OR JRCC STAVANGER,  
TELEX: 563 3163, PHONE: 475 151 7000, FAX: 475165 2334.
2. CANCEL HYDROFAC 1001/03.

(111050Z JUN 2003)

1005/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 140730Z TO 141230Z JUN IN AREA  
BETWEEN 19-45N 20-15N AND 088-15E 088-45E.
2. CANCEL THIS MSG 141330Z JUN.

(111306Z JUN 2003)

1006/03(GEN). GPS SATELLITE SYSTEM.

PRN 05 UNUSABLE.

(112130Z JUN 2003)

1007/03(76). SOUTH PACIFIC. NEW ZEALAND. NORTH ISLAND.

S/V PEACE HAVEN, THREE PERSONS ON BOARD, HAS BLOWN OUT FORESAIL  
AND IS IN DANGER OF ROLLING IN 35-43.4S 178-46.2W. VESSELS  
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF  
POSSIBLE. REPORTS TO MARITIME OPERATIONS NEW ZEALAND,  
INMARSAT-C: 4512 00067, PHONE: 644 914 5663, FAX: 644 914 5520.

(120035Z JUN 2003)

1008/03(81,82). SOUTH PACIFIC.

1. SEVEN METER LONG OBJECT ADRIFT IN  
00-40S 151-13E AT 120530Z JUN.
2. CANCEL THIS MSG 19 JUN.

(120650Z JUN 2003)

**MARAD ADVISORIES**

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 12 June 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7 and 03-4.

**SPECIAL WARNINGS**

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002 and in Notice to Mariners 14/03.

SPECIAL WARNINGS in force 12 June 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

**MARINE INFORMATION****ELECTRONIC CHART/PUBLICATION CORRECTION RECORD CARD**

A printable PDF version of the Chart/Publication Correction Record Card (NIMA Reference No. MISCP86609) can now be downloaded from the Maritime Safety Information Web site by selecting the *Miscellaneous Navigation Products* link. An electronic form is also provided for owners of the full version of Adobe Acrobat. Using the e-form, users can now manage and maintain their Chart/Publication Correction Record Cards electronically.

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

## **MARINE INFORMATION REPORT AND SUGGESTION SHEET**

Observer \_\_\_\_\_ Ship/Organization \_\_\_\_\_

Address \_\_\_\_\_

Email address

Date of Observation \_\_\_\_\_ Time of Observation (Local)\_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected \_\_\_\_\_ Edition \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

Sounding sensor or method used

Sounding(s) corrected for draft: Yes No

Details of Information Reported (continue on additional sheets as necessary) \_\_\_\_\_

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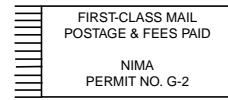
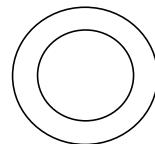
Digitized by srujanika@gmail.com

User Feedback (continue on additional sheets as necessary)



**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL IMAGERY AND MAPPING AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**

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## ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer \_\_\_\_\_

Ship/Organization \_\_\_\_\_

Phone \_\_\_\_\_ Email Address\_\_\_\_\_

Describe Hazard (e.g. dredge, buoy, current meter, operations): \_\_\_\_\_

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Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): \_\_\_\_\_

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Date of Insertion \_\_\_\_\_ Date of Removal \_\_\_\_\_

If observed, Date \_\_\_\_\_ Time (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator: Yes \_\_\_\_\_ No \_\_\_\_\_

Sounding sensor or method used \_\_\_\_\_

Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

Details of Information Reported (continue on additional sheets as necessary): \_\_\_\_\_

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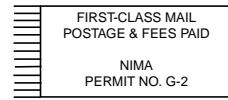
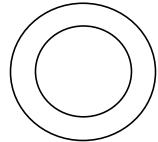
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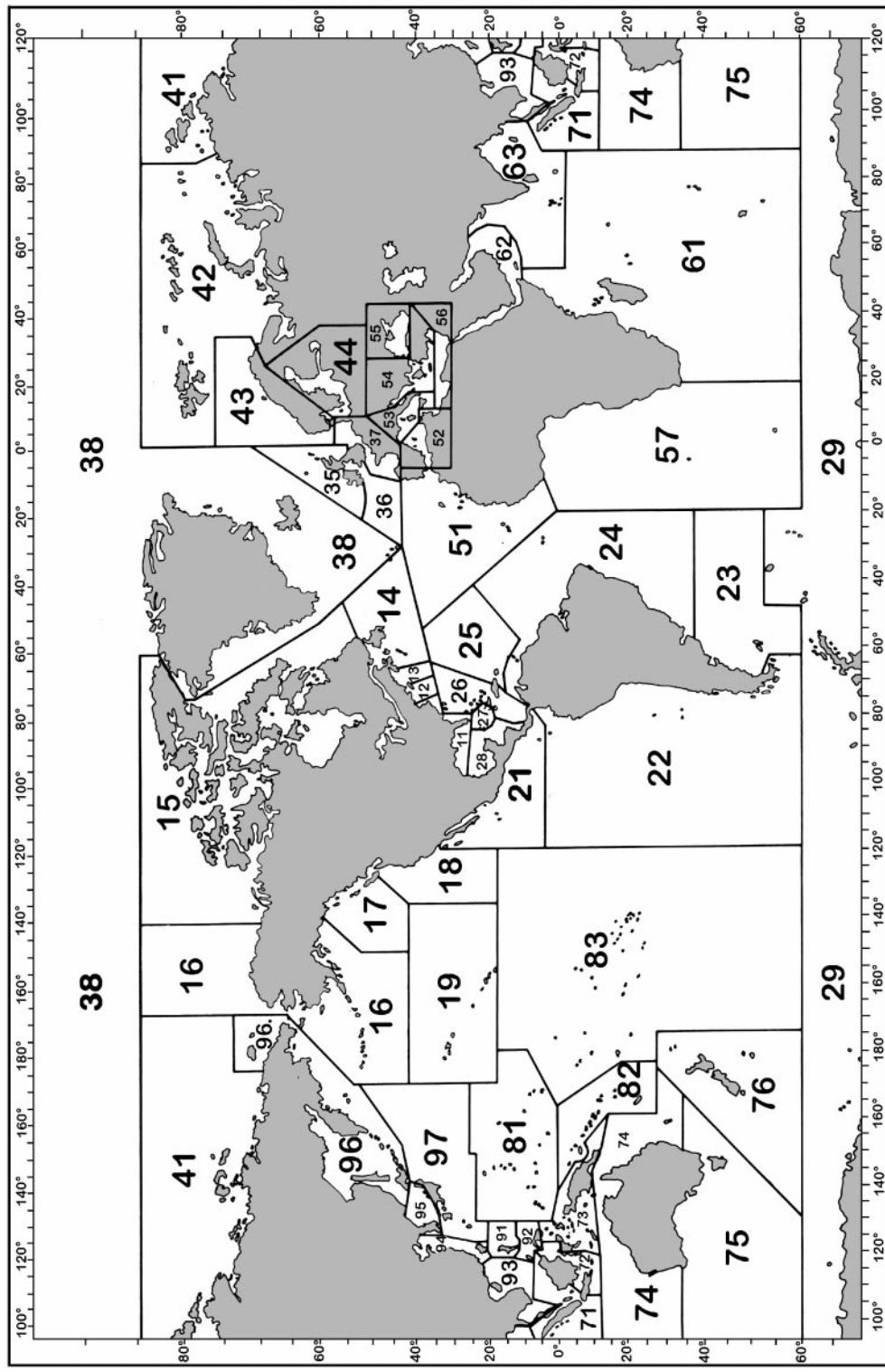
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**MARITIME SAFETY INFORMATION DIVISION  
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4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**



# GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Sub-region number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

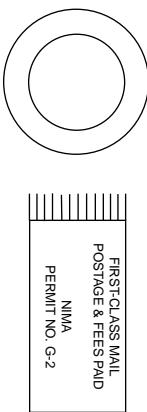
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY  
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT  
NAVIGATIONAL INFORMATION  
TIME-DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**